API Well Number: 43013515580000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

	1. WELL NAME and NUMBER Poker Jack 4-18-3-2WH
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** WILDCAT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY	**7. OPERATOR PHONE** 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052	**9. OPERATOR E-MAIL** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-5936	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ◉ STATE ○ FEE ○
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ◉ STATE ○ FEE ○	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉
19. SLANT VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	25 FNL 1157 FWL	NWNW	18	3.0 S	2.0 W	U
Top of Uppermost Producing Zone	25 FNL 1157 FWL	NWNW	18	3.0 S	2.0 W	U
At Total Depth	660 FSL 660 FWL	SWSW	18	3.0 S	2.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 25	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0	**26. PROPOSED DEPTH** MD: 13039 TVD: 8599
27. ELEVATION - GROUND LEVEL 5187	**28. BOND NUMBER** RLB00100473	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

CONFIDENTIAL

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
SURF	12.25	9.625	0 - 2500	36.0	J-55 ST&C	8.3	Premium Lite High Strength	204	3.53	11.0
							Class G	154	1.17	15.8
I1	8.75	7	0 - 9116	26.0	P-110 LT&C	11.5	Premium Lite High Strength	266	3.53	11.0
							50/50 Poz	375	1.24	14.3
L1	6.125	4.5	8237 - 13039	13.5	P-110 Other	11.5	No Used	0	0.0	0.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Permitting Agent	**PHONE** 435 719-2018
SIGNATURE	**DATE** 07/10/2012	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED
43013515580000

APPROVAL

Permit Manager

RECEIVED: August 21, 2012

Newfield Production Company
Poker Jack 4-18-3-2WH
Surface Hole Location: 25' FNL, 1157' FWL, Section 18, T3S, R2W
Bottom Hole Location: 660' FSL, 660' FWL, Section 18, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,520'
Garden Gulch member	6,426'
Wasatch	8,874'
Pilot Hole TD	9,074'
Lateral TD	8,599' TVD / 13,039' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	615'	(water)
Green River	6,426' - 8,599	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	-- --	-- --	-- --
Surface 9 5/8	0'	2,500'	36	J-55	STC	8.33	8.33	14	3,520 2.12	2,020 2.54	394,000 4.38
Intermediate 7	0'	8,774' 9,116'	26	P-110	BTC	11	11.5	15	9,960 2.41	6,210 1.42	853,000 3.60
Production 4 1/2	8,237'	8,599' 13,039'	13.5	P-110	BTC	11	11.5	--	12,410 3.06	10,670 2.49	422,000 6.51

RECEIVED: July 10, 2012

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	220 / 204	15%	11.0	3.53
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180 / 154	15%	15.8	1.17
Pilot Hole Plug Back	8 3/4	787'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	378 / 305	15%	14.3	1.24
Intermediate Lead	8 3/4	5,426'	Premium Lite II w/ 3% KCl + 10% bentonite	938 / 266	15%	11.0	3.53
Intermediate Tail	8 3/4	2,690'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	465 / 375	15%	14.3	1.24
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the pilot hole plug back and the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval **Description**

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

RECEIVED: July 10, 2012

2,500'	- TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

8,599' x 0.57 psi/ft = 4919 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone.
The pilot hole will be logged, and then plugged back in prepartion for horizontal operations.
Directional tools will then be used to build to 92.56 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:
- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

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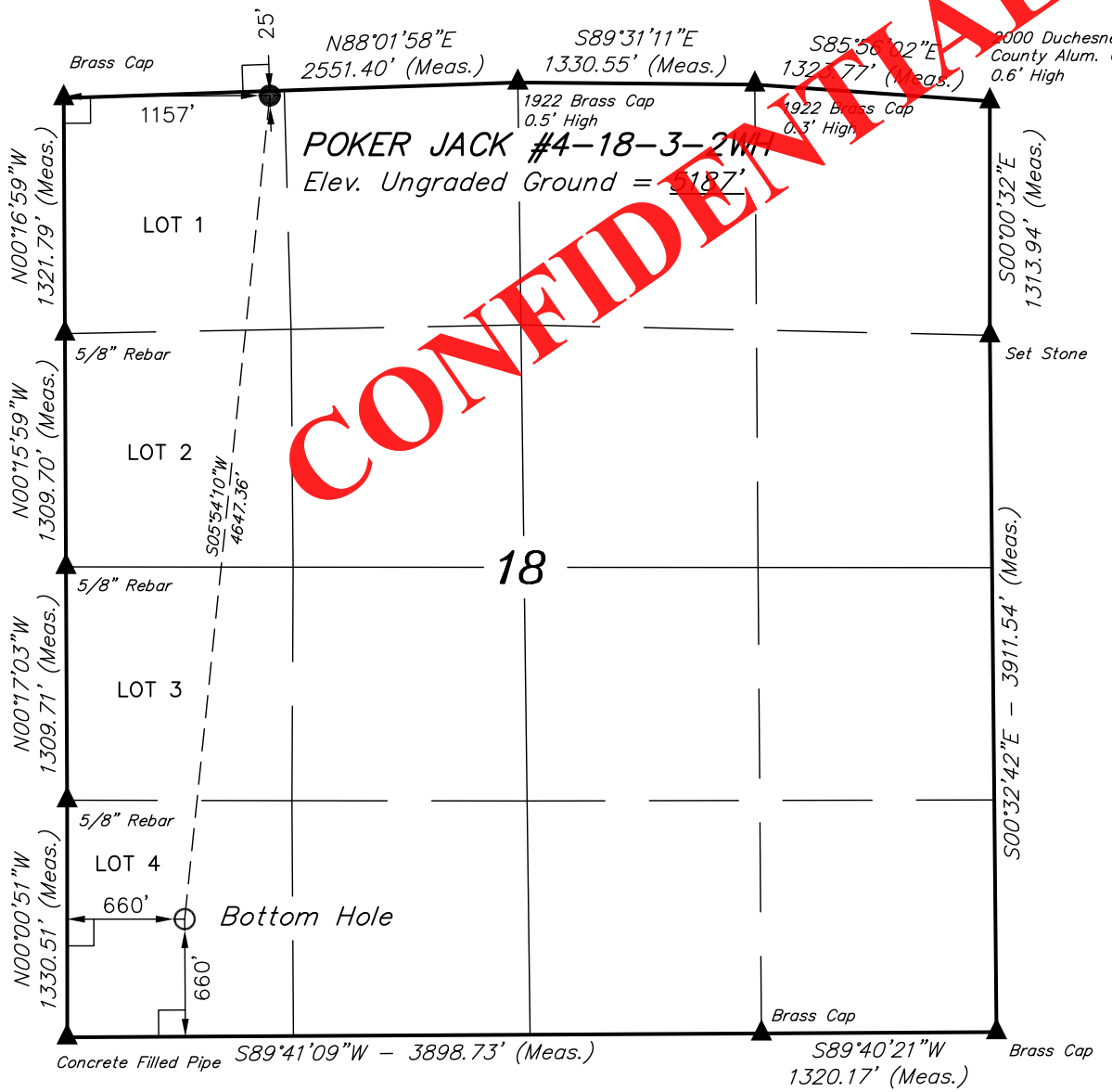
API Well Number: 43013515580000

T3S, R2W, U.S.B.&M.



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NEWFIELD EXPLORATION COMPANY

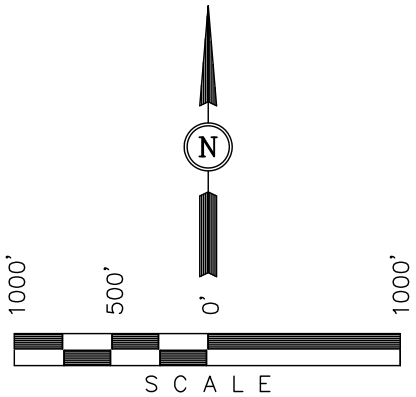
Well location, POKER JACK #4-18-3-2WH, located as shown in the NW 1/4 NW 1/4 of Section 18, T3S, R2W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

STATE OF UTAH · REGISTERED LAND SURVEYOR · NO. 161319 · ROBERT L. KAY · 03-13-12

LEGEND:

- ∟ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

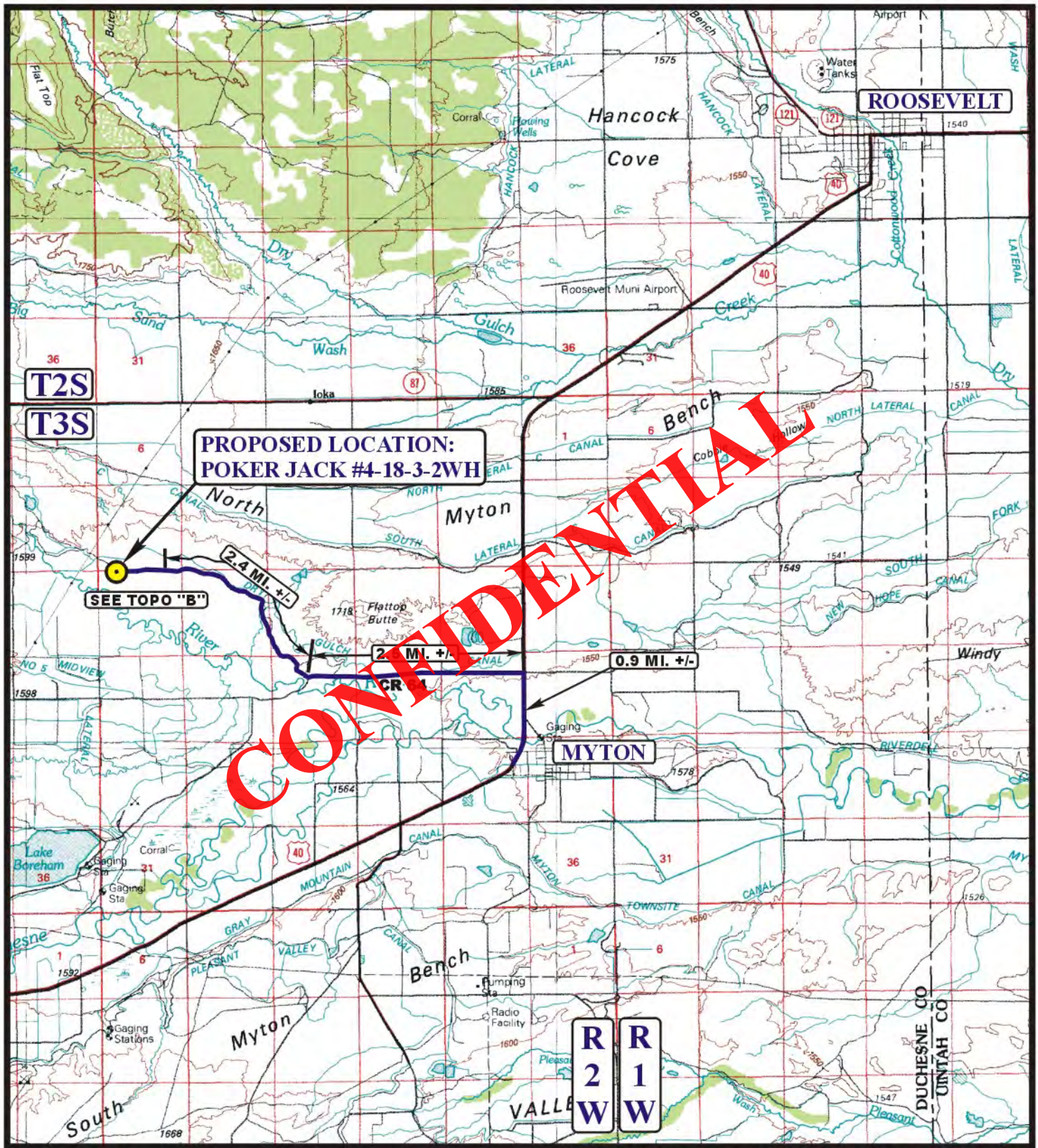
NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°12'59.60" (40.216556)	LATITUDE = 40°13'45.28" (40.229244)
LONGITUDE = 110°09'33.41" (110.159281)	LONGITUDE = 110°09'27.27" (110.157575)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°12'59.75" (40.216597)	LATITUDE = 40°13'45.43" (40.229286)
LONGITUDE = 110°09'30.86" (110.158572)	LONGITUDE = 110°09'24.72" (110.156867)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 02-15-12	DATE DRAWN: 02-23-12
PARTY: J.C C.B. R.L.L.	REFERENCES: G.L.O. PLAT	
WEATHER: COLD	FILE: NEWFIELD EXPLORATION COMPANY	

RECEIVED: July 10, 2012

API Well Number: 43013515580000



LEGEND:

PROPOSED LOCATION

N

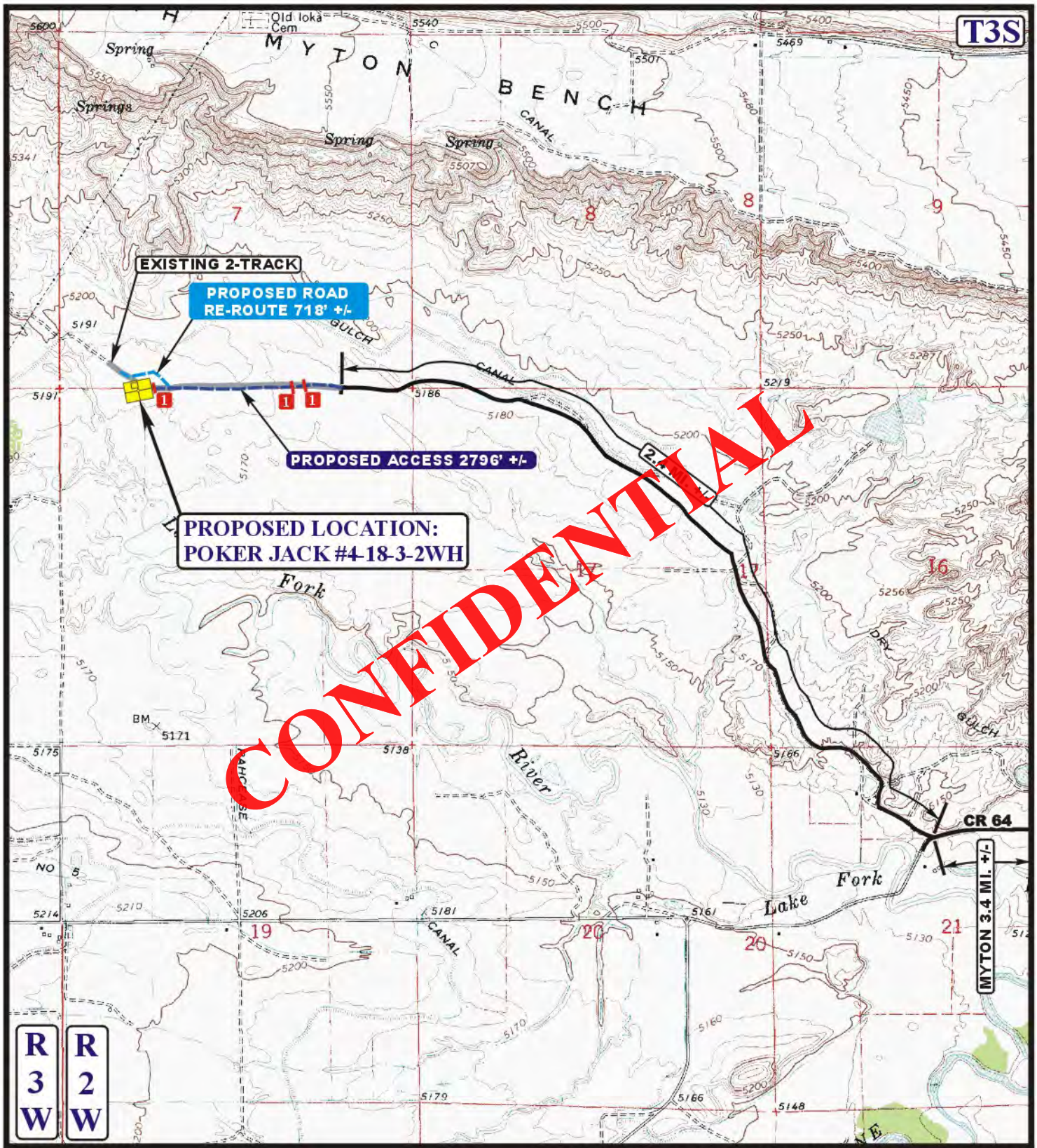
NEWFIELD EXPLORATION COMPANY

POKER JACK #4-18-3-2WH
SECTION 18, T3S, R2W, U.S.B.&M.
25' FNL 1157' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	02 MONTH	20 DAY	12 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.L.H.	REVISED: 00-00-00		

API Well Number: 43013515580000



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED ROAD RE-ROUTE
- EXISTING 2-TRACK
- 1 18" CMP REQUIRED

N

NEWFIELD EXPLORATION COMPANY

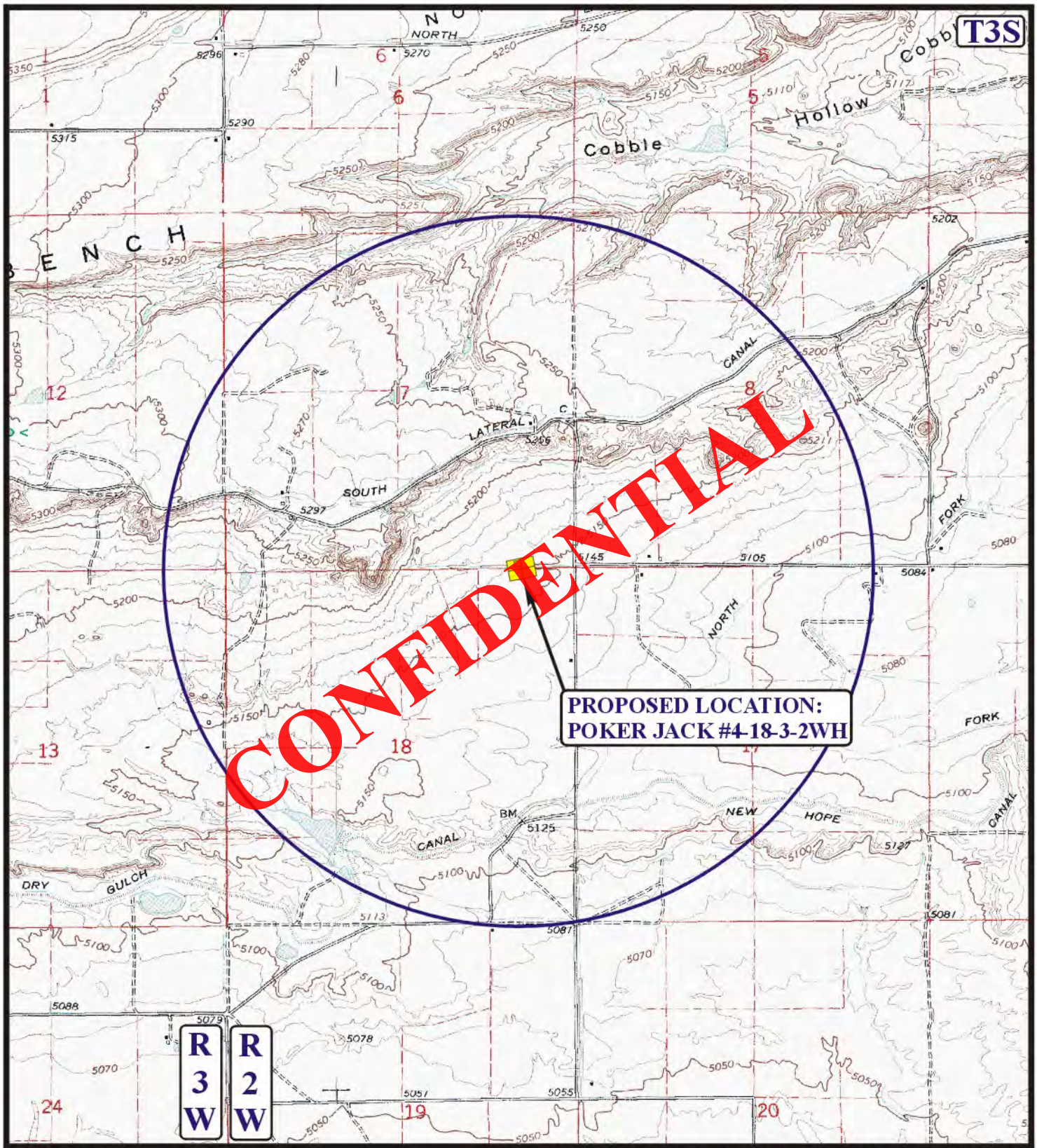
POKER JACK #4-18-3-2WH
SECTION 18, T3S, R2W, U.S.B.&M.
25' FNL 1157' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP | 02 MONTH | 20 DAY | 12 YEAR | B TOPO

SCALE: 1" = 2000' | DRAWN BY: J.L.H. | REVISED: 00-00-00

API Well Number: 43013515580000



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

NEWFIELD EXPLORATION COMPANY

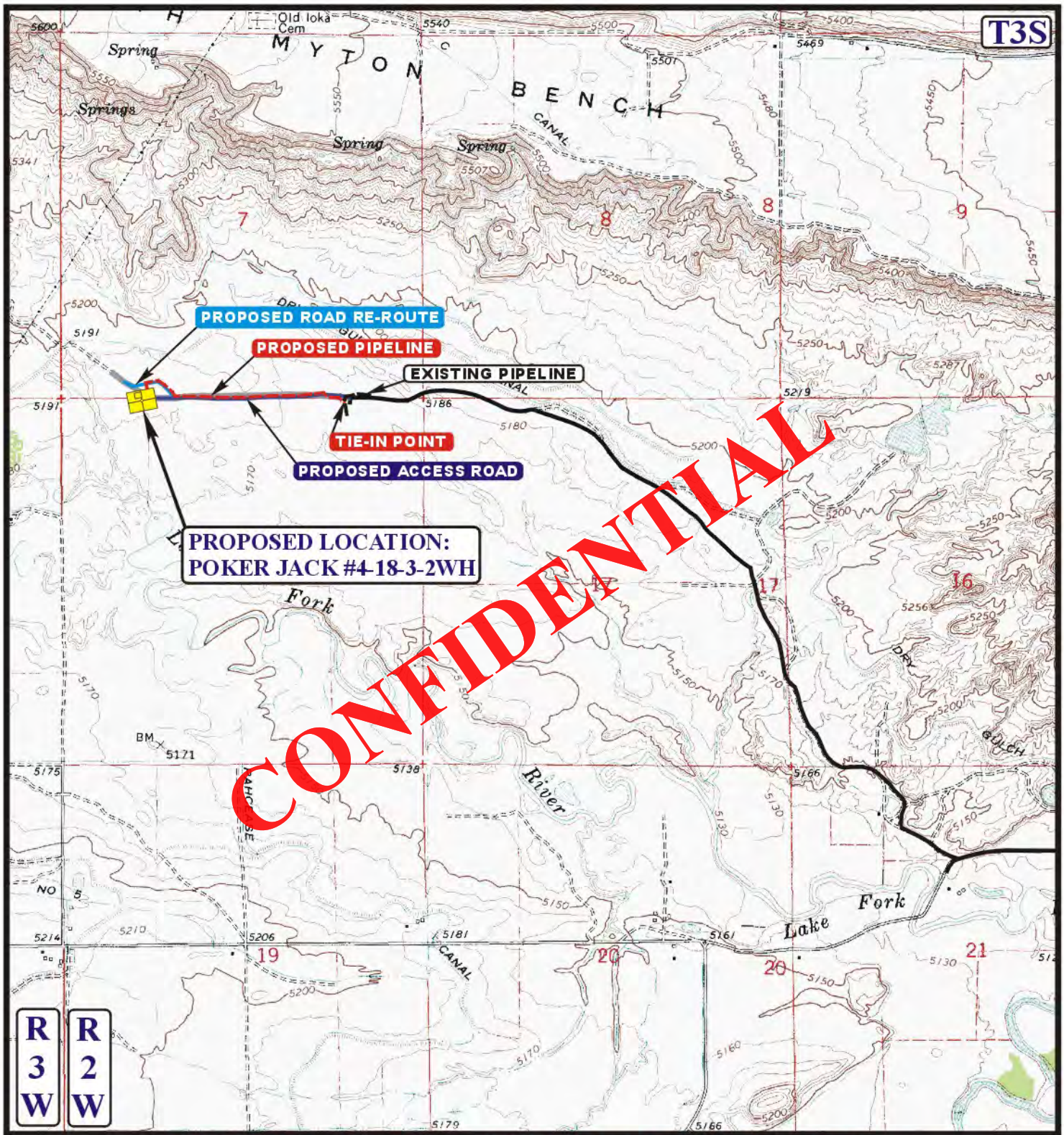
POKER JACK #4-18-3-2WH
SECTION 18, T3S, R2W, U.S.B.&M.
25' FNL 1157' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 02 MONTH | 20 DAY | 12 YEAR | C TOPO

SCALE: 1" = 2000' | DRAWN BY: J.L.H. | REVISED: 00-00-00

API Well Number: 43013515580000



APPROXIMATE TOTAL PIPELINE DISTANCE = 3129' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ROAD RE-ROUTE
- EXISTING 2-TRACK

N

NEWFIELD EXPLORATION COMPANY

POKER JACK #4-18-3-2WH
SECTION 18, T3S, R2W, U.S.B.&M.
25' FNL 1157' FWL

Uintah Engineering & Land Surveying
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TOPOGRAPHIC MAP	02 MONTH	20 DAY	12 YEAR	D TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.H.	REVISED: 00-00-00		

Weatherford®

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT
POKER JACK 4-18-3-2WH
POKER JACK 4-18-3-2WH

POKER JACK 4-18-3-2WH

Plan: PLAN #1

Standard Planning Report

12 June, 2012

Weatherford®

RECEIVED: July 10, 2012

API Well Number: 43013515580000

NEWFIELD

Weatherford

Project:	DUCHESNE COUNTY, UT
Site:	POKER JACK 4-18-3-2WH
Well:	POKER JACK 4-18-3-2WH
Wellbore:	POKER JACK 4-18-3-2WH
Design:	PLAN #1
Latitude:	40° 13' 45.280 N
Longitude:	110° 9' 27.270 W
GL:	5187.00
KB:	KB @ 5205.00ft (PIONEER 62)

WELLBORE TARGET DETAILS (LAT/LONG)

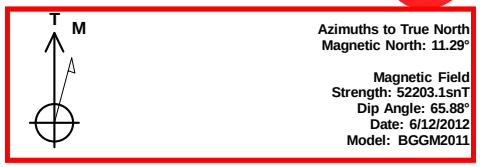
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL - POKER JACK 4-18-3-2WH	8599.00	-4622.76	-477.71	40° 12' 59.594 N	110° 9' 33.428 W	Point
LP - POKER JACK 4-18-3-2WH	8774.57	-700.64	-443.59	40° 13' 38.356 N	110° 9' 32.889 W	Point

WELL DETAILS: POKER JACK 4-18-3-2WH

+N/-S	+E/-W	Northing	Ground Level: 5187.00 Easting	Latitude	Longitude	Slot
0.00	0.00	7255041.11	2015210.64	40° 13' 45.280 N	110° 9' 27.270 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
2717.77	4.36	248.63	2717.56	-3.01	-7.70	2.00	248.63	3.79	
8286.62	4.36	248.63	8270.33	-157.09	-401.54	0.00	0.00	197.53	
9113.31	92.56	180.50	8774.57	-700.64	-443.59	11.00	-68.01	742.53	
13039.50	92.56	180.50	8599.00	-4622.76	-477.71	0.00	0.00	4647.38	

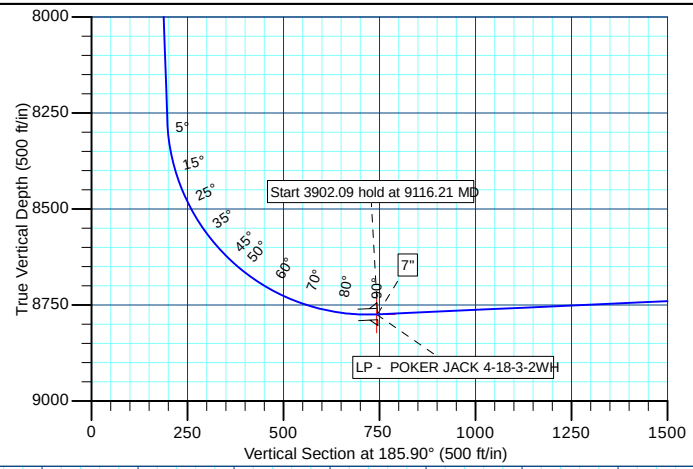


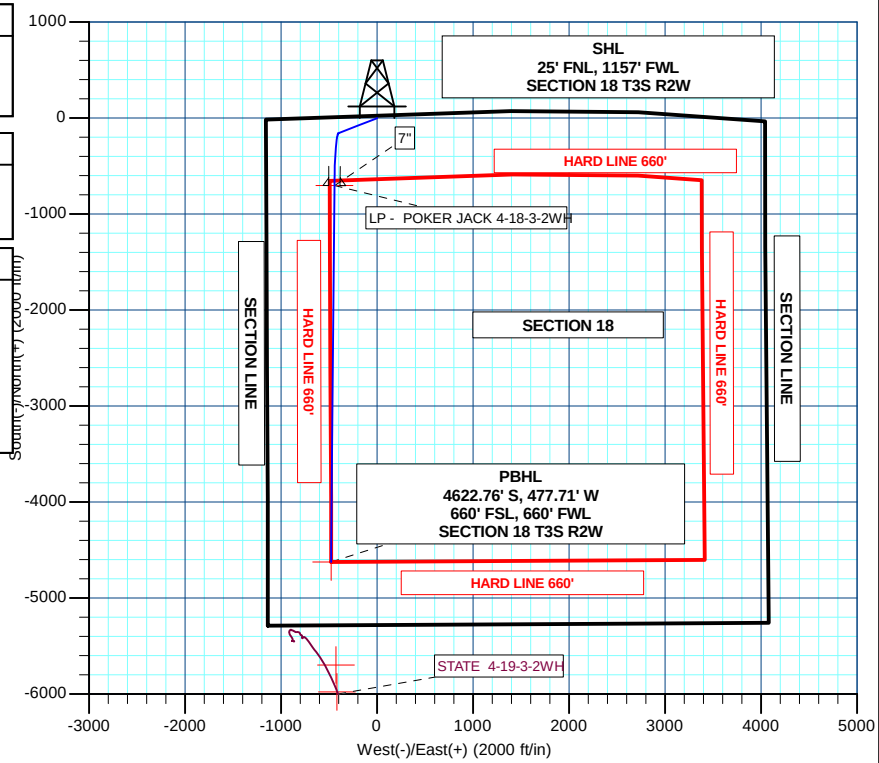
Azimuths to True North
Magnetic North: 11.29°

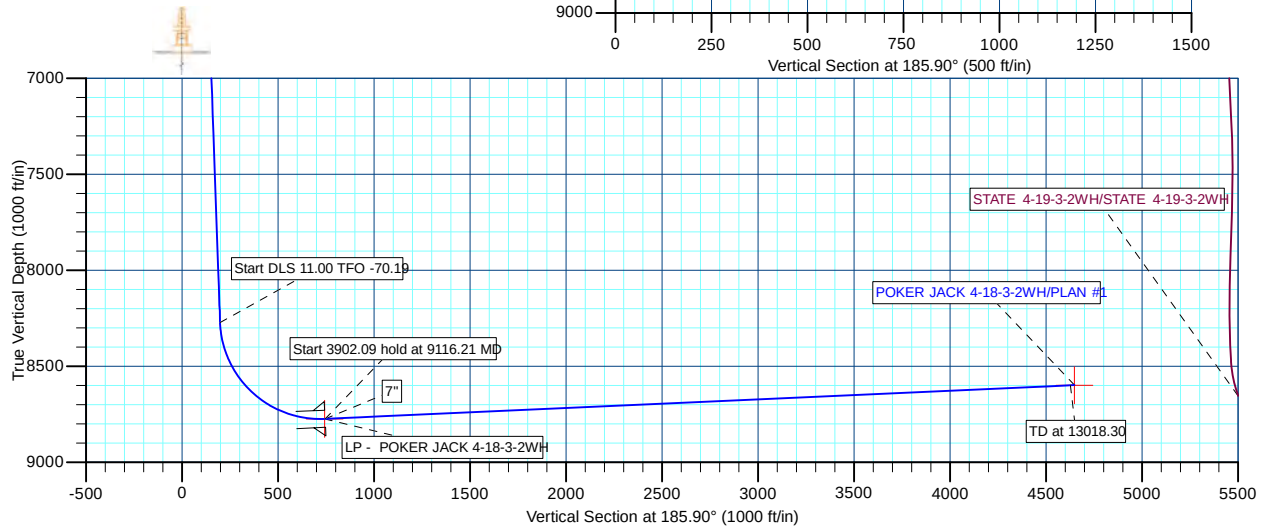
Magnetic Field
Strength: 52203.1snT
Dip Angle: 65.88°
Date: 6/12/2012
Model: BGGM2011

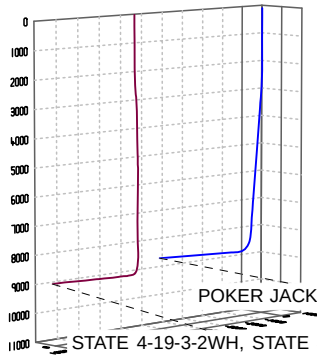
CASING DETAILS

TVD	MD	Name	Size
8774.44	9116.21	7"	7









POKER JACK 4-18-3-2WH, PLAN #1

STATE 4-19-3-2WH, STATE 4-19-3-2WH

Plan: PLAN #1 (POKER JACK 4-18-3-2WH/POKER JACK 4-18-3-2WH)

Created By: MATT MAYDEW Date: 13:05, June 12 2012

Weatherford

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well POKER JACK 4-18-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5205.00ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5205.00ft (PIONEER 62)
Site:	POKER JACK 4-18-3-2WH	**North Reference:**	True
Well:	POKER JACK 4-18-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	POKER JACK 4-18-3-2WH		
Design:	PLAN #1		

Project DUCHESNE COUNTY, UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site POKER JACK 4-18-3-2WH

Site Position:		**Northing:**	7,255,041.11 usft	**Latitude:**	40° 13' 45.280 N
From:	Lat/Long	**Easting:**	2,015,210.64 usft	**Longitude:**	110° 9' 27.270 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.86 °

Well POKER JACK 4-18-3-2WH

Well Position	**+N/-S**	0.00 ft	**Northing:**	7,255,041.11 usft	**Latitude:**	40° 13' 45.280 N
	+E/-W	0.00 ft	**Easting:**	2,015,210.64 usft	**Longitude:**	110° 9' 27.270 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,187.00 ft

Wellbore POKER JACK 4-18-3-2WH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	6/12/2012	11.29	65.88	52,203

Design PLAN #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	185.90

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,717.77	4.36	248.63	2,717.56	-3.01	-7.70	2.00	2.00	0.00	248.63	
8,286.62	4.36	248.63	8,270.33	-157.09	-401.54	0.00	0.00	0.00	0.00	
9,113.31	92.56	180.50	8,774.57	-700.64	-443.59	11.00	10.67	-8.24	-68.01	LP - POKER JACK 4
13,039.51	92.56	180.50	8,599.00	-4,622.76	-477.71	0.00	0.00	0.00	0.00	PBHL - POKER JACK

RECEIVED: July 10, 2012

Weatherford

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well POKER JACK 4-18-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5205.00ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5205.00ft (PIONEER 62)
Site:	POKER JACK 4-18-3-2WH	**North Reference:**	True
Well:	POKER JACK 4-18-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	POKER JACK 4-18-3-2WH		
Design:	PLAN #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	2.00	248.63	2,599.98	-0.64	-1.63	0.80	2.00	2.00	0.00
2,700.00	4.00	248.63	2,699.84	-2.54	-6.50	3.20	2.00	2.00	0.00
2,717.77	4.36	248.63	2,717.56	-3.01	-7.70	3.79	2.00	2.00	0.00
Start 5548.40 hold at 2741.15 MD									
2,741.15	4.36	248.63	2,740.87	-3.66	-9.36	4.60	0.00	0.00	0.00
2,800.00	4.36	248.63	2,799.55	-5.29	-13.52	6.65	0.00	0.00	0.00
2,900.00	4.36	248.63	2,899.26	-8.06	-20.59	10.13	0.00	0.00	0.00
3,000.00	4.36	248.63	2,998.98	-10.82	-27.66	13.61	0.00	0.00	0.00
3,100.00	4.36	248.63	3,098.69	-13.59	-34.74	17.09	0.00	0.00	0.00
3,200.00	4.36	248.63	3,198.40	-16.36	-41.81	20.57	0.00	0.00	0.00
3,300.00	4.36	248.63	3,298.11	-19.12	-48.88	24.05	0.00	0.00	0.00
3,400.00	4.36	248.63	3,397.82	-21.89	-55.95	27.53	0.00	0.00	0.00
3,500.00	4.36	248.63	3,497.53	-24.66	-63.03	31.00	0.00	0.00	0.00
3,600.00	4.36	248.63	3,597.24	-27.42	-70.10	34.48	0.00	0.00	0.00
3,700.00	4.36	248.63	3,696.95	-30.19	-77.17	37.96	0.00	0.00	0.00
3,800.00	4.36	248.63	3,796.67	-32.96	-84.24	41.44	0.00	0.00	0.00
3,900.00	4.36	248.63	3,896.38	-35.72	-91.31	44.92	0.00	0.00	0.00
4,000.00	4.36	248.63	3,996.09	-38.49	-98.39	48.40	0.00	0.00	0.00
4,100.00	4.36	248.63	4,095.80	-41.26	-105.46	51.88	0.00	0.00	0.00
4,200.00	4.36	248.63	4,195.51	-44.02	-112.53	55.36	0.00	0.00	0.00
4,300.00	4.36	248.63	4,295.22	-46.79	-119.60	58.84	0.00	0.00	0.00
4,400.00	4.36	248.63	4,394.93	-49.56	-126.67	62.32	0.00	0.00	0.00
4,500.00	4.36	248.63	4,494.64	-52.32	-133.75	65.80	0.00	0.00	0.00
4,600.00	4.36	248.63	4,594.35	-55.09	-140.82	69.27	0.00	0.00	0.00
4,700.00	4.36	248.63	4,694.07	-57.86	-147.89	72.75	0.00	0.00	0.00
4,800.00	4.36	248.63	4,793.78	-60.62	-154.96	76.23	0.00	0.00	0.00
4,900.00	4.36	248.63	4,893.49	-63.39	-162.04	79.71	0.00	0.00	0.00

Weatherford

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well POKER JACK 4-18-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5205.00ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5205.00ft (PIONEER 62)
Site:	POKER JACK 4-18-3-2WH	**North Reference:**	True
Well:	POKER JACK 4-18-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	POKER JACK 4-18-3-2WH		
Design:	PLAN #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,000.00	4.36	248.63	4,993.20	-66.16	-169.11	83.19	0.00	0.00	0.00
5,100.00	4.36	248.63	5,092.91	-68.92	-176.18	86.67	0.00	0.00	0.00
5,200.00	4.36	248.63	5,192.62	-71.69	-183.25	90.15	0.00	0.00	0.00
5,300.00	4.36	248.63	5,292.33	-74.46	-190.32	93.63	0.00	0.00	0.00
5,400.00	4.36	248.63	5,392.04	-77.23	-197.40	97.11	0.00	0.00	0.00
5,500.00	4.36	248.63	5,491.76	-79.99	-204.47	100.59	0.00	0.00	0.00
5,600.00	4.36	248.63	5,591.47	-82.76	-211.54	104.06	0.00	0.00	0.00
5,700.00	4.36	248.63	5,691.18	-85.53	-218.61	107.54	0.00	0.00	0.00
5,800.00	4.36	248.63	5,790.89	-88.29	-225.69	111.02	0.00	0.00	0.00
5,900.00	4.36	248.63	5,890.60	-91.06	-232.76	114.50	0.00	0.00	0.00
6,000.00	4.36	248.63	5,990.31	-93.83	-239.83	117.98	0.00	0.00	0.00
6,100.00	4.36	248.63	6,090.02	-96.59	-246.90	121.46	0.00	0.00	0.00
6,200.00	4.36	248.63	6,189.73	-99.36	-253.97	124.94	0.00	0.00	0.00
6,300.00	4.36	248.63	6,289.45	-102.13	-261.05	128.42	0.00	0.00	0.00
6,400.00	4.36	248.63	6,389.16	-104.89	-268.12	131.90	0.00	0.00	0.00
6,500.00	4.36	248.63	6,488.87	-107.66	-275.19	135.38	0.00	0.00	0.00
6,600.00	4.36	248.63	6,588.58	-110.43	-282.26	138.86	0.00	0.00	0.00
6,700.00	4.36	248.63	6,688.29	-113.19	-289.34	142.33	0.00	0.00	0.00
6,800.00	4.36	248.63	6,788.00	-115.96	-296.41	145.81	0.00	0.00	0.00
6,900.00	4.36	248.63	6,887.71	-118.73	-303.48	149.29	0.00	0.00	0.00
7,000.00	4.36	248.63	6,987.42	-121.49	-310.55	152.77	0.00	0.00	0.00
7,100.00	4.36	248.63	7,087.14	-124.26	-317.62	156.25	0.00	0.00	0.00
7,200.00	4.36	248.63	7,186.85	-127.03	-324.70	159.73	0.00	0.00	0.00
7,300.00	4.36	248.63	7,286.56	-129.79	-331.77	163.21	0.00	0.00	0.00
7,400.00	4.36	248.63	7,386.27	-132.56	-338.84	166.69	0.00	0.00	0.00
7,500.00	4.36	248.63	7,485.98	-135.33	-345.91	170.17	0.00	0.00	0.00
7,600.00	4.36	248.63	7,585.69	-138.09	-352.99	173.65	0.00	0.00	0.00
7,700.00	4.36	248.63	7,685.40	-140.86	-360.06	177.13	0.00	0.00	0.00
7,800.00	4.36	248.63	7,785.11	-143.63	-367.13	180.60	0.00	0.00	0.00
7,900.00	4.36	248.63	7,884.83	-146.39	-374.20	184.08	0.00	0.00	0.00
8,000.00	4.36	248.63	7,984.54	-149.16	-381.27	187.56	0.00	0.00	0.00
8,100.00	4.36	248.63	8,084.25	-151.93	-388.35	191.04	0.00	0.00	0.00
8,200.00	4.36	248.63	8,183.96	-154.69	-395.42	194.52	0.00	0.00	0.00
8,286.62	4.36	248.63	8,270.33	-157.09	-401.54	197.53	0.00	0.00	0.00
Start DLS 11.00 TFO -70.19									
8,289.55	4.49	244.81	8,273.25	-157.18	-401.75	197.64	11.00	4.46	-130.50
8,300.00	5.09	233.07	8,283.66	-157.63	-402.49	198.17	11.00	5.80	-112.35
8,400.00	14.66	196.33	8,382.14	-172.49	-409.62	213.68	11.00	9.57	-36.73
8,500.00	25.41	189.23	8,475.97	-205.91	-416.64	247.65	11.00	10.75	-7.11
8,600.00	36.30	186.19	8,561.69	-256.67	-423.29	298.82	11.00	10.89	-3.03
8,700.00	47.24	184.42	8,636.16	-322.90	-429.34	365.32	11.00	10.94	-1.77
8,800.00	58.19	183.19	8,696.65	-402.17	-434.55	444.71	11.00	10.96	-1.23
8,900.00	69.16	182.22	8,740.93	-491.57	-438.73	534.06	11.00	10.97	-0.97
9,000.00	80.13	181.38	8,767.37	-587.80	-441.74	630.09	11.00	10.97	-0.84
9,100.00	91.10	180.60	8,775.00	-687.34	-443.46	729.28	11.00	10.97	-0.78
LP - POKER JACK 4-18-3-2WH									
9,113.31	92.56	180.50	8,774.57	-700.64	-443.59	742.53	11.00	10.97	-0.78
Start 3902.09 hold at 9116.21 MD - 7"									
9,116.21	92.56	180.50	8,774.44	-703.54	-443.61	745.41	0.00	0.00	0.00
9,200.00	92.56	180.50	8,770.69	-787.24	-444.34	828.75	0.00	0.00	0.00
9,300.00	92.56	180.50	8,766.22	-887.14	-445.21	928.20	0.00	0.00	0.00
9,400.00	92.56	180.50	8,761.75	-987.04	-446.08	1,027.66	0.00	0.00	0.00
9,500.00	92.56	180.50	8,757.28	-1,086.93	-446.95	1,127.12	0.00	0.00	0.00

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Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well POKER JACK 4-18-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5205.00ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5205.00ft (PIONEER 62)
Site:	POKER JACK 4-18-3-2WH	**North Reference:**	True
Well:	POKER JACK 4-18-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	POKER JACK 4-18-3-2WH		
Design:	PLAN #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,600.00	92.56	180.50	8,752.81	-1,186.83	-447.82	1,226.57	0.00	0.00	0.00
9,700.00	92.56	180.50	8,748.34	-1,286.72	-448.69	1,326.03	0.00	0.00	0.00
9,800.00	92.56	180.50	8,743.86	-1,386.62	-449.56	1,425.48	0.00	0.00	0.00
9,900.00	92.56	180.50	8,739.39	-1,486.52	-450.42	1,524.94	0.00	0.00	0.00
10,000.00	92.56	180.50	8,734.92	-1,586.41	-451.29	1,624.40	0.00	0.00	0.00
10,100.00	92.56	180.50	8,730.45	-1,686.31	-452.16	1,723.85	0.00	0.00	0.00
10,200.00	92.56	180.50	8,725.98	-1,786.20	-453.03	1,823.31	0.00	0.00	0.00
10,300.00	92.56	180.50	8,721.50	-1,886.10	-453.90	1,922.77	0.00	0.00	0.00
10,400.00	92.56	180.50	8,717.03	-1,986.00	-454.77	2,022.22	0.00	0.00	0.00
10,500.00	92.56	180.50	8,712.56	-2,085.89	-455.64	2,121.68	0.00	0.00	0.00
10,600.00	92.56	180.50	8,708.09	-2,185.79	-456.51	2,221.14	0.00	0.00	0.00
10,700.00	92.56	180.50	8,703.62	-2,285.69	-457.38	2,320.59	0.00	0.00	0.00
10,800.00	92.56	180.50	8,699.15	-2,385.58	-458.25	2,420.05	0.00	0.00	0.00
10,900.00	92.56	180.50	8,694.67	-2,485.48	-459.11	2,519.50	0.00	0.00	0.00
11,000.00	92.56	180.50	8,690.20	-2,585.37	-459.98	2,618.96	0.00	0.00	0.00
11,100.00	92.56	180.50	8,685.73	-2,685.27	-460.85	2,718.42	0.00	0.00	0.00
11,200.00	92.56	180.50	8,681.26	-2,785.17	-461.72	2,817.87	0.00	0.00	0.00
11,300.00	92.56	180.50	8,676.79	-2,885.06	-462.59	2,917.33	0.00	0.00	0.00
11,400.00	92.56	180.50	8,672.32	-2,984.96	-463.46	3,016.79	0.00	0.00	0.00
11,500.00	92.56	180.50	8,667.84	-3,084.85	-464.33	3,116.24	0.00	0.00	0.00
11,600.00	92.56	180.50	8,663.37	-3,184.75	-465.20	3,215.70	0.00	0.00	0.00
11,700.00	92.56	180.50	8,658.90	-3,284.65	-466.07	3,315.16	0.00	0.00	0.00
11,800.00	92.56	180.50	8,654.43	-3,384.54	-466.94	3,414.61	0.00	0.00	0.00
11,900.00	92.56	180.50	8,649.96	-3,484.44	-467.80	3,514.07	0.00	0.00	0.00
12,000.00	92.56	180.50	8,645.48	-3,584.34	-468.67	3,613.52	0.00	0.00	0.00
12,100.00	92.56	180.50	8,641.01	-3,684.23	-469.54	3,712.98	0.00	0.00	0.00
12,200.00	92.56	180.50	8,636.54	-3,784.13	-470.41	3,812.44	0.00	0.00	0.00
12,300.00	92.56	180.50	8,632.07	-3,884.02	-471.28	3,911.89	0.00	0.00	0.00
12,400.00	92.56	180.50	8,627.60	-3,983.92	-472.15	4,011.35	0.00	0.00	0.00
12,500.00	92.56	180.50	8,623.13	-4,083.82	-473.02	4,110.81	0.00	0.00	0.00
12,600.00	92.56	180.50	8,618.65	-4,183.71	-473.89	4,210.26	0.00	0.00	0.00
12,700.00	92.56	180.50	8,614.18	-4,283.61	-474.76	4,309.72	0.00	0.00	0.00
12,800.00	92.56	180.50	8,609.71	-4,383.51	-475.62	4,409.18	0.00	0.00	0.00
12,900.00	92.56	180.50	8,605.24	-4,483.40	-476.49	4,508.63	0.00	0.00	0.00
13,000.00	92.56	180.50	8,600.77	-4,583.30	-477.36	4,608.09	0.00	0.00	0.00
TD at 13018.30									
13,018.30	92.56	180.50	8,599.95	-4,601.58	-477.52	4,626.29	0.00	0.00	0.00
PBHL - POKER JACK 4-18-3-2WH									
13,039.50	92.56	180.50	8,599.00	-4,622.76	-477.71	4,647.38	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL - POKER JACK 4 - plan hits target center - Point	0.00	0.00	8,599.00	-4,622.76	-477.71	7,250,411.71	2,014,802.36	40° 12' 59.594 N	110° 9' 33.428 W
LP - POKER JACK 4-18 - plan hits target center - Point	0.00	0.00	8,774.57	-700.64	-443.59	7,254,333.89	2,014,777.62	40° 13' 38.356 N	110° 9' 32.989 W

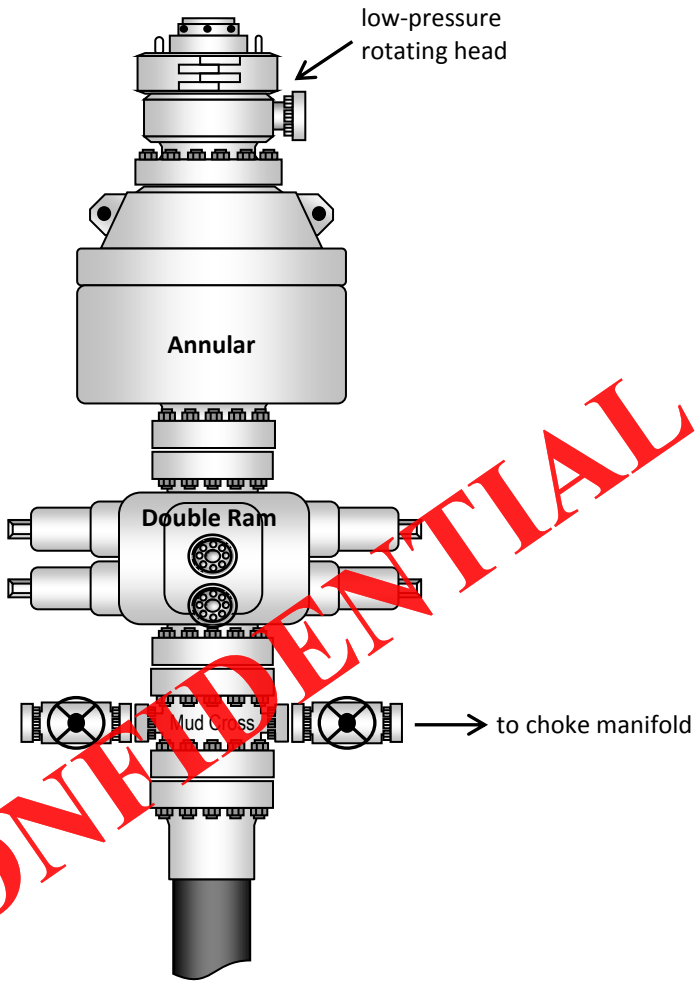
Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well POKER JACK 4-18-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5205.00ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5205.00ft (PIONEER 62)
Site:	POKER JACK 4-18-3-2WH	**North Reference:**	True
Well:	POKER JACK 4-18-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	POKER JACK 4-18-3-2WH		
Design:	PLAN #1		

	9,116.21	8,774.44	7"	7	8-3/4

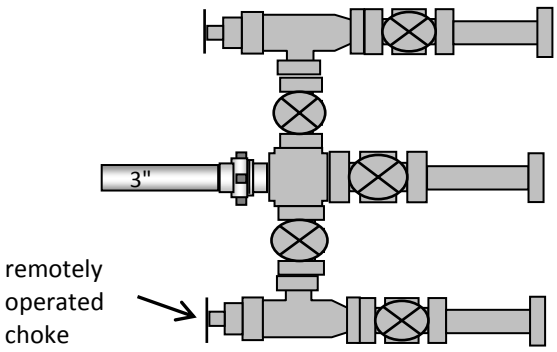
Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
2,500.00	2,500.00	0.00	0.00	Start Build 2.00
2,741.15	2,740.87	-3.38	-9.57	Start 5548.40 hold at 2741.15 MD
8,289.55	8,269.62	-158.65	-449.46	Start DLS 11.00 TFO -70.19
9,116.21	8,773.49	-702.36	-493.58	Start 3902.09 hold at 9116.21 MD
13,018.30	8,599.00	-4,600.51	-509.37	TD at 13018.30

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: July 10, 2012

API Well Number: 43013515580000

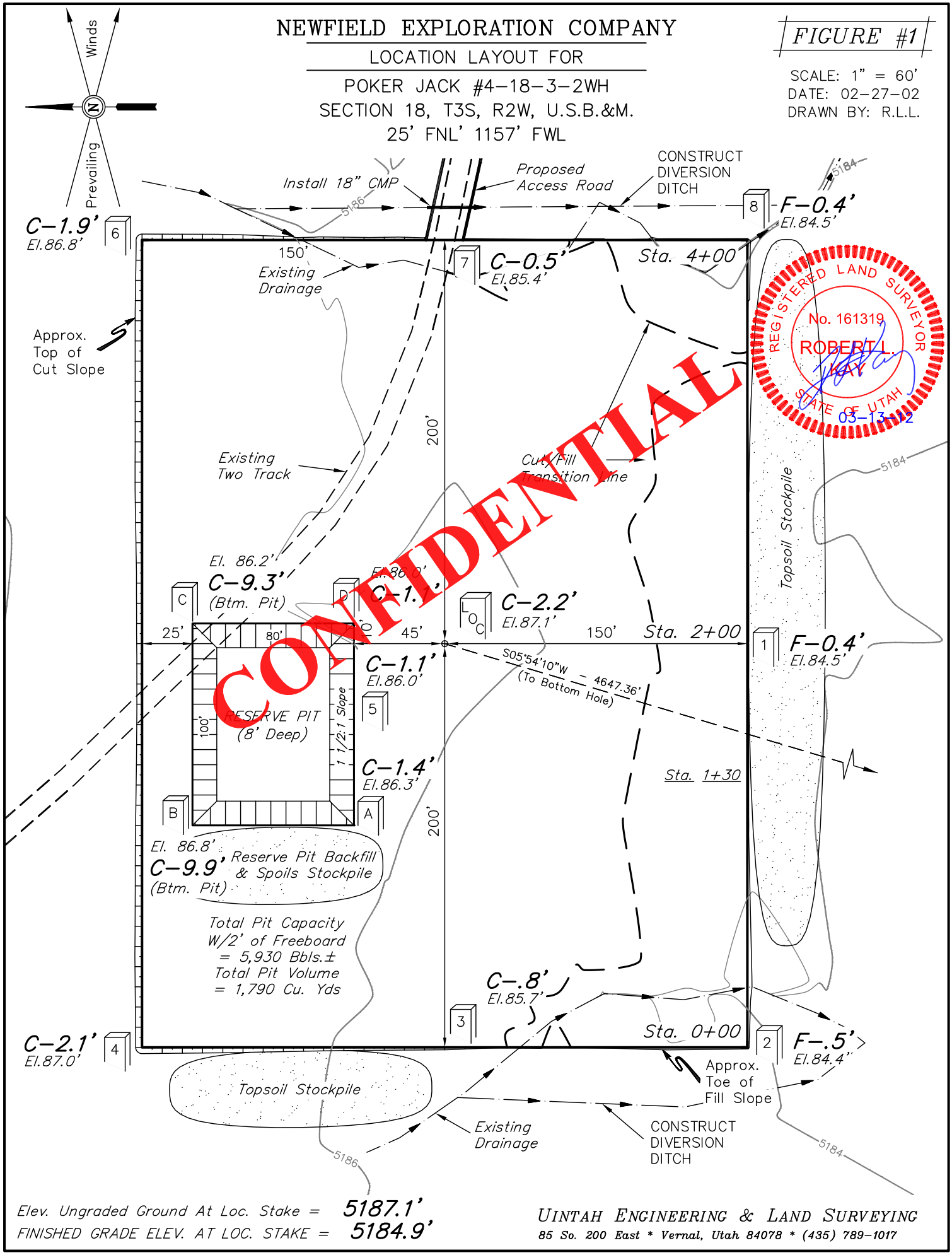
NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT FOR

POKER JACK #4-18-3-2WH
SECTION 18, T3S, R2W, U.S.B.&M.
25' FNL' 1157' FWL

FIGURE #1

SCALE: 1" = 60'
DATE: 02-27-02
DRAWN BY: R.L.L.



CONFIDENTIAL

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH 03-13-12

Elev. Ungraded Ground At Loc. Stake = 5187.1'
FINISHED GRADE ELEV. AT LOC. STAKE = 5184.9'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: July 10, 2012

NEWFIELD EXPLORATION COMPANY

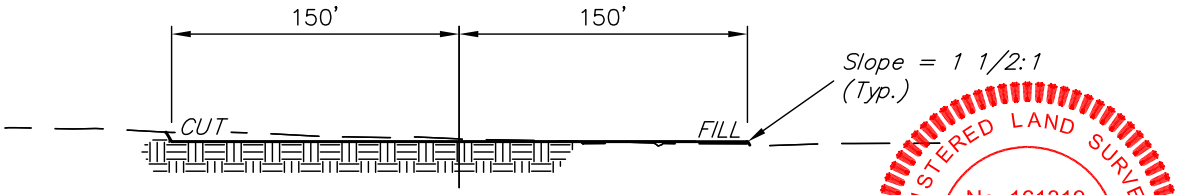
TYPICAL CROSS SECTIONS FOR

POKER JACK #4-18-3-2WH
SECTION 18, T3S, R2W, U.S.B.&M.
25' FNL' 1157' FWL

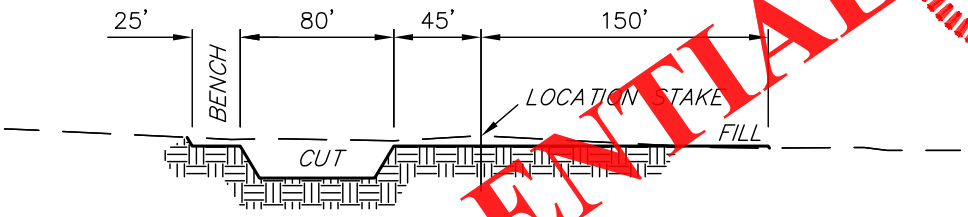
FIGURE #2

1" = 40'
X-Section Scale
1" = 100'

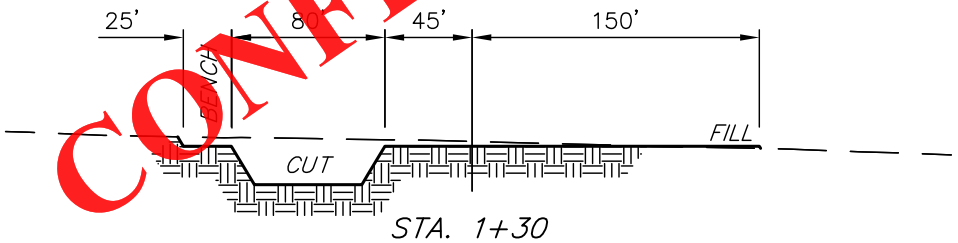
DATE: 02-27-02
DRAWN BY: R.L.L.



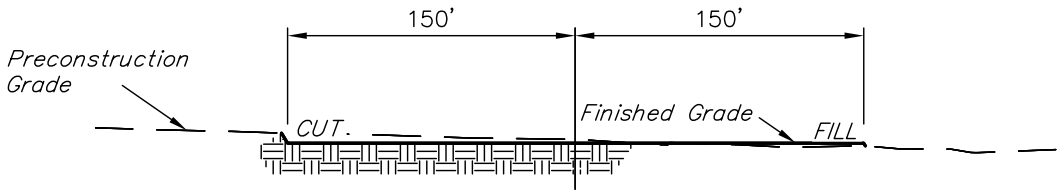
STA. 4+00



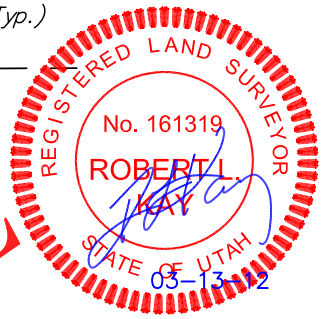
STA. 2+00



STA. 1+30



STA. 0+00



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.591 ACRES
ACCESS ROAD DISTURBANCE = ± 2.384 ACRES
PIPELINE = ± 2.120 ACRES
TOTAL = ± 9.095 ACRES

* *NOTE:*
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	*4580* Cu. Yds.
Remaining Location	=	*2930* Cu. Yds.
TOTAL CUT	=	*7510* CU. YDS.
FILL	=	*2030* CU. YDS.

EXCESS MATERIAL	=	*5,480* Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	*5,480* Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	*0* Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

RECEIVED: July 10, 2012

NEWFIELD EXPLORATION COMPANY

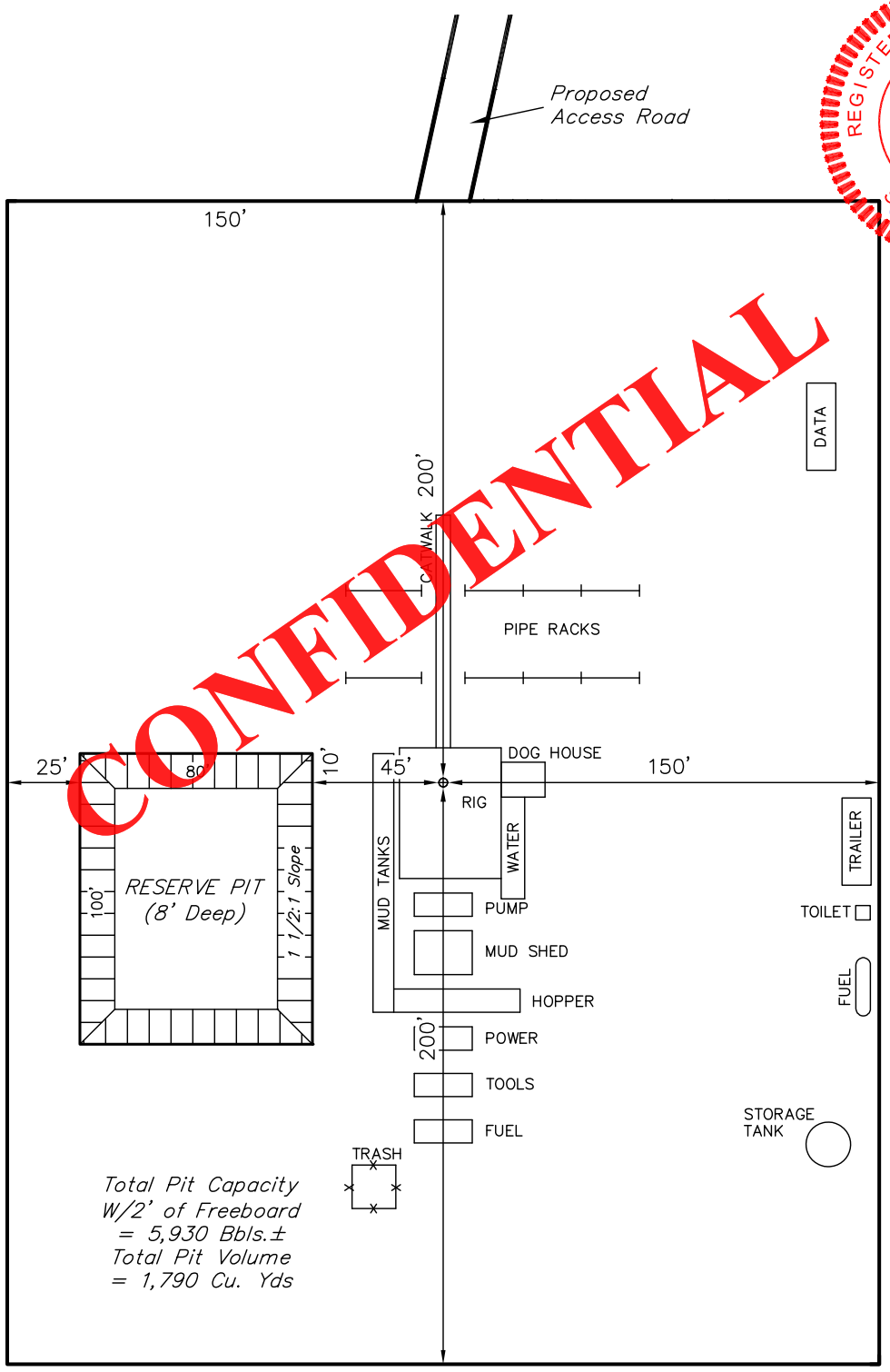
TYPICAL RIG LAYOUT FOR

POKER JACK #4-18-3-2WH
SECTION 18, T3S, R2W, U.S.B.&M.
25' FNL' 1157' FWL

FIGURE #3

SCALE: 1" = 60'
DATE: 02-27-02
DRAWN BY: R.L.L.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
03-13-12



UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: July 10, 2012

NEWFIELD EXPLORATION COMPANY

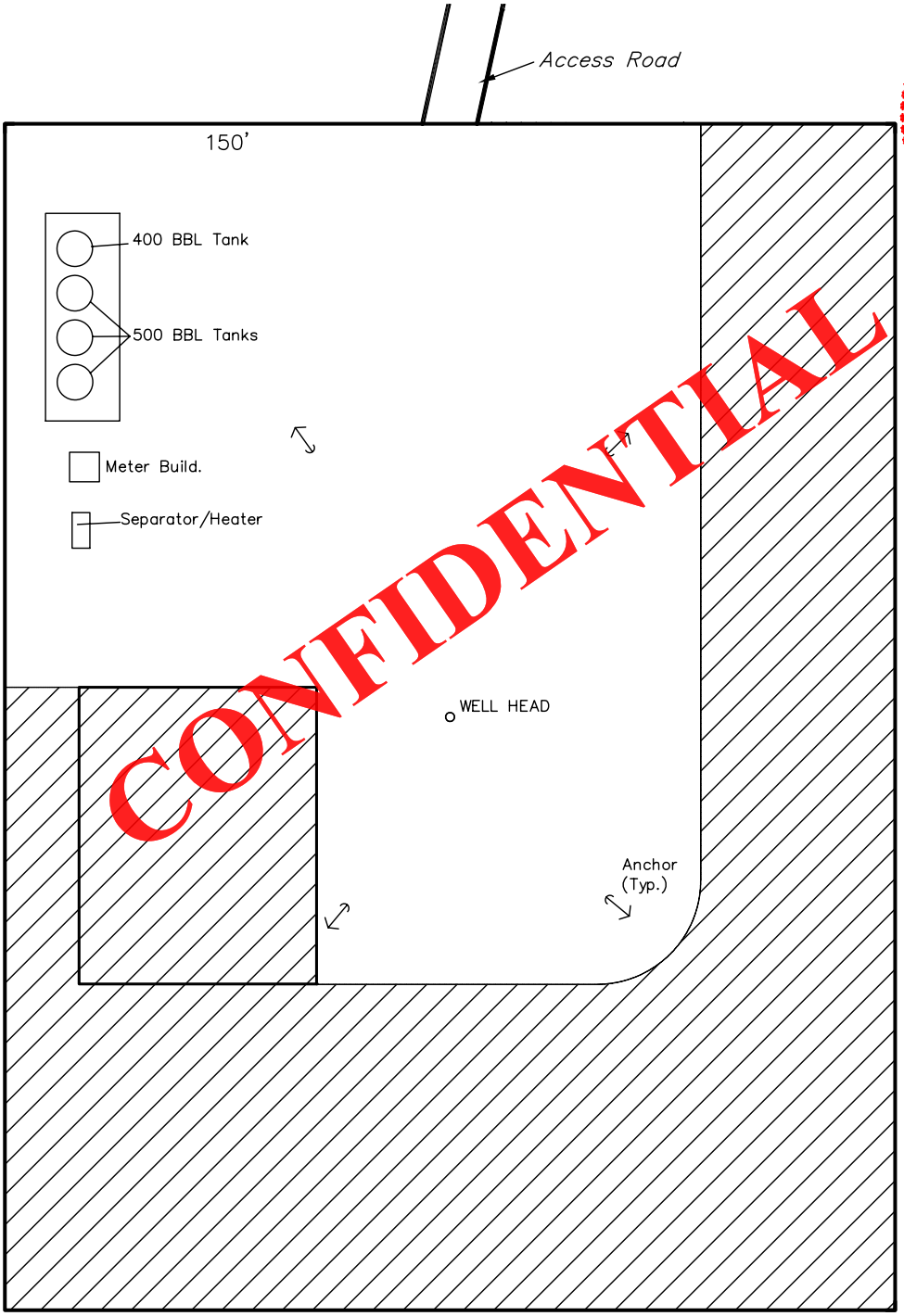
PRODUCTION FACILITY LAYOUT FOR

POKER JACK #4-18-3-2WH
SECTION 18, T3S, R2W, U.S.B.&M.
25' FNL' 1157' FWL

FIGURE #4

SCALE: 1" = 60'
DATE: 02-27-02
DRAWN BY: R.L.L.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
03-13-12



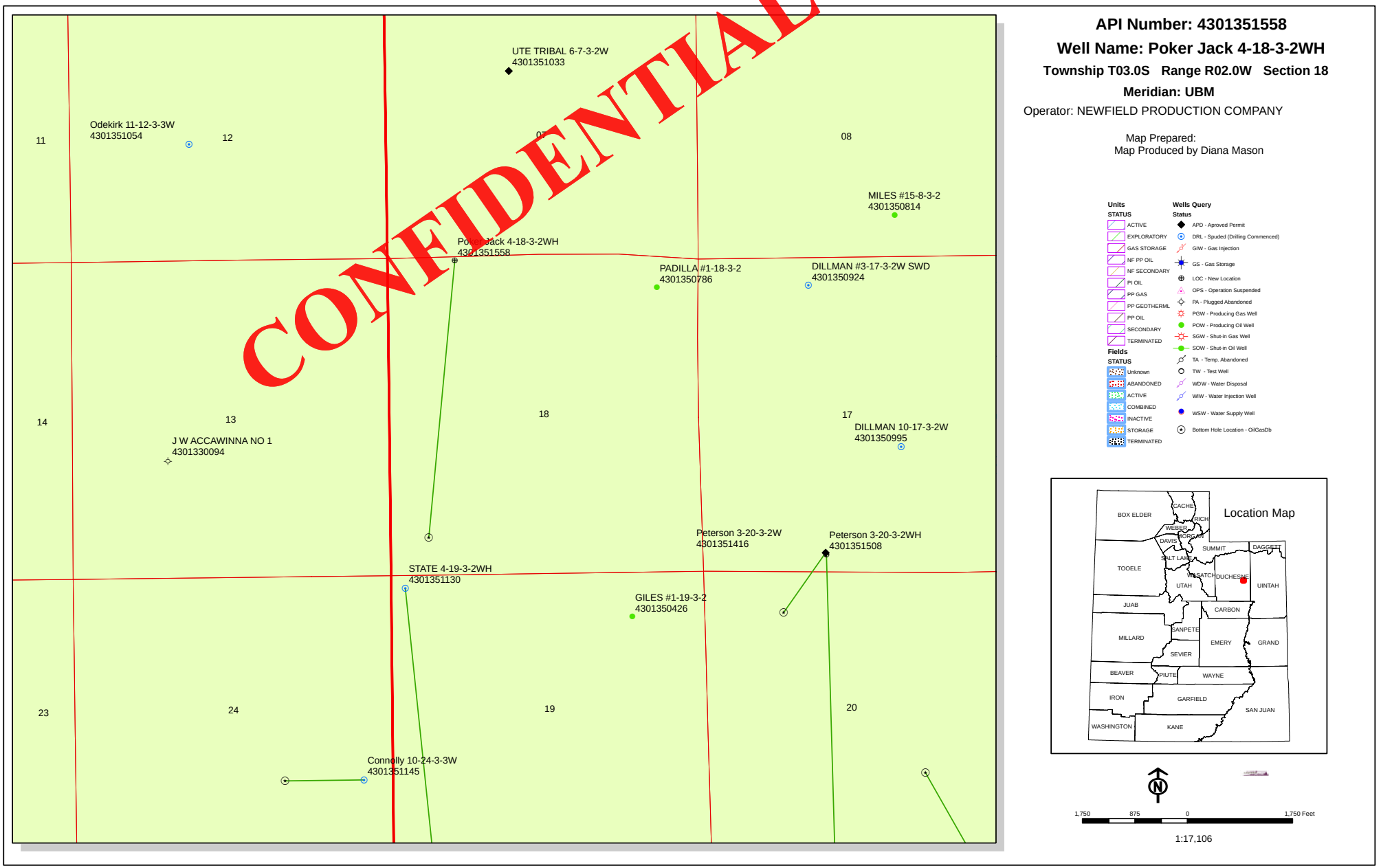
APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.866 ACRES

RECLAIMED AREA

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: July 10, 2012

API Well Number: 43013515580000



API Number: 4301351558

Well Name: Poker Jack 4-18-3-2WH

Township T03.0S Range R02.0W Section 18

Meridian: UBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well
Bottom Hole Location - OilGasDb

1:17,106

RECEIVED: July 13, 2012

NEWFIELD
ROCKY MOUNTAINS

August 15, 2012

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Poker Jack 4-18-3-2WH**
Section 18, T3S, R2W
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Poker Jack 4-18-3-2WH from a surface location of 1157' FWL and 25' FNL of Section 18, T3S, R2W to a bottom hole location of 660' FWL and 660' FSL of Section 18, T3S, R2W. Newfield shall case and cement the Poker Jack 4-18-3-2WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL of Section 18, T3S, R2W. The cased and cemented portion of the wellbore shall not be perforated nor produced. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

Newfield is operator of the proposed Ute Tribal 6-7-3-2W located in the northern offset drilling and spacing unit (Section 7, T3S, R2W). The Ute Tribal 6-7-3-2W is scheduled to spud later this month or early next month. Due to the above circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Poker Jack 4-18-3-2WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4169 or by email at kharris@newfield.com . Your consideration of this matter is greatly appreciated.

Sincerely,

Kenneth M. Harris
Landman

API Well Number: 43013515580000

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/10/2012 **API NO. ASSIGNED:** 43013515580000

WELL NAME: Poker Jack 4-18-3-2WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NWNW 18 030S 020W **Permit Tech Review:** ☑

SURFACE: 0025 FNL 1157 FWL **Engineering Review:** ☐

BOTTOM: 0660 FSL 0660 FWL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.22919 **LONGITUDE:** -110.15765

UTM SURF EASTINGS: 571662.00 **NORTHINGS:** 4453536.00

FIELD NAME: WILDCAT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-5936 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 2 - Indian **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** INDIAN - RLB00100473
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☑ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-90

Effective Date: 5/9/2012

Siting: (4) Producing Grrv-Wstc Wells in Sec Drl Unit

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
1 - Exception Location - dmason
4 - Federal Approval - dmason
27 - Other - bhill

RECEIVED: August 21, 2012

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Poker Jack 4-18-3-2WH
API Well Number: 43013515580000
Lease Number: 14-20-H62-5936
Surface Owner: INDIAN
Approval Date: 8/21/2012

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284
(please leave a voicemail message if not available)
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

• Entity Action Form (Form 6) - due within 5 days of spudding the well
• Monthly Status Report (Form 9) - due by 5th day of the following calendar month
• Requests to Change Plans (Form 9) - due prior to implementation
• Written Notice of Emergency Changes (Form 9) - due within 5 days
• Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
• Report of Water Encountered (Form 7) - due within 30 days after completion
• Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

Form 3160-3
(August 2007)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR JUL 05 2012
BUREAU OF LAND MANAGEMENT

BLM

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

CONFIDENTIAL

5. Lease Serial No.
1420H625936

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

8. Lease Name and Well No.
POKER JACK 4-18-3-2WH

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

Contact: DON S HAMILTON
Email: starpoint@etv.net

9. API Well No.
43013516558

3a. Address
ROUTE 3 BOX 3630
MYTON, UT 84052

3b. Phone No. (include area code)
Ph: 435-719-2018
Fx: 435-719-2019

10. Field and Pool, or Exploratory
N/A

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface NWNW Lot 1 25FNL 1157FWL 40.229244 N Lat, 110.157575 W Lon

At proposed prod. zone SWSW Lot 4 660FSL 660FWL

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 18 T3S R2W Mer UBM

14. Distance in miles and direction from nearest town or post office*
6.3 MILES NORTHWEST OF MYTON, UTAH

12. County or Parish
DUCHESNE

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
25

16. No. of Acres in Lease
40.00

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
0

19. Proposed Depth
13039 MD
8599 TVD

20. BLM/BIA Bond No. on file
RLB00100473

21. Elevations (Show whether DF, KB, RT, GL, etc.
5187 GL

22. Approximate date work will start
09/01/2012

23. Estimated duration
60 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
DON S HAMILTON Ph: 435-719-2018

Date
07/04/2012

Title
PERMITTING AGENT

Approved by (Signature)

Name (Printed/Typed)
Jerry Kenczka

Date
FEB 19 2013

Title
Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
FEB 22 2013
DIV. OF OIL, GAS & MINING

Additional Operator Remarks (see next page)

Electronic Submission #142210 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 07/10/2012 ()

NOTICE OF APPROVAL

UDOGM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

12PRH2369A NOS-4/20/12

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NWNW, Sec. 18 T3S, R2W**
Well No:	**POKER JACK 4-18-3-2WH**	**Lease No:**	**14-20-H62-5936**
API No:	**43-013-51558**	**Agreement:**	

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

Newfield will comply with:

•All Applicant-Committed Environmental Protection Measures (ACEPMs) listed in Section 2.1.8 of Environmental Assessment No. U&O-FY13-Q1-020,

•All ACEPMs on page 5 of the Final Biological Opinion for Newfield Exploration Company and Ute Energy, LLC's proposed Rocky Point Exploration and Development (Rocky Point BO) dated March 20, 2012,

•All terms and conditions of the Rocky Point BO and

•Any and all additional terms or stipulations attached to BIA ROW Serial No. H62-2013-152 and BIA ROW Serial No. H62-2013-153.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- Surface casing cement will be circulated to surface.

Variances Granted

Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from well bore, variance granted for blooie line discharge to be 75' from well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "Ts" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.

- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.

- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.

- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Sundry Number: 36903 API Well Number: 43013515580000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5936

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: POKER JACK 4-18-3-2WH

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515580000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0025 FNL 1157 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 18 Township: 03.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 5/1/2013
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production Company respectfully requests approval to utilize oil based mud (OBM) during the drilling of the Poker Jack 4-18-3-2WH. Attached please find an updated drilling plan reflecting changes to an OBM system. All other aspects of the proposal including the well location, environmental clearance and existing surface use remain unchanged.

Accepted by the Utah Division of Oil, Gas and Mining

Date: April 25, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent

SIGNATURE	DATE
N/A	4/22/2013

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Newfield Production Company
4-18-3-2WH
Surface Hole Location: 25' FNL, 1157' FWL, Section 18, T3S, R2W
Bottom Hole Location: 660' FSL,660' FWL, Section 18, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,520'
Garden Gulch member	6,426'
Uteland Butte	8,874'
Lateral TD	8,599' TVD / 13,039' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	615' TVD	(water)
Green River	6,426' - 8,599' TVD	(oil)

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	LTC	8.33	8.33	14	3,520	2,020	453,000
									2.12	2.54	5.03
Intermediate 7	0'	8,774' 9,116'	26	P-110	BTC	10.5	11	16	9,960	6,210	830,000
									2.17	1.50	3.50
Production 4 1/2	8,237'	8,599' 13,039'	13.5	P-110	BTC	12	12.5	--	12,410	10,670	422,000
									2.75	2.26	6.51

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)

RECEIVED: Apr. 22, 2013

Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Varicem + .125 lbs/sk Cello Flakes	720 / 216	15%	11.0	3.33
Surface Tail	12 1/4	500'	Varicem + .125 lbs/sk Cello Flakes	180 / 95	15%	13.0	1.9
Intermediate Lead	8 3/4	5,426'	Extendacem + .125 lbs/sk Cello Flakes	938 / 362	15%	11.5	2.59
Intermediate Tail	8 3/4	2,690'	Econocem + .125 lbs/sk Cello Flakes	465 / 287	15%	13.0	1.62
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 2,500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.
2,500' - TD	One of two possible mud systems may be used depending on offset well performance on ongoing wells: A water based mud: Hole stability may be improved with additions of KCl or a

similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). Returned mud and cuttings may be centrifuged, filtered, and/or otherwise mechanically treated so that they can be transferred to a lined cuttings pit. If needed, these cuttings will be subsequently mixed with at least one chemical that will further modify them so that they can be transported on public highways in open top trucks without any danger of substantial loss of material from the trucks to the environment. Samples of these mechanically and optionally chemically treated cuttings and mud will be taken for chemical analysis, and the remainder will be stored in a lined cuttings storage pit on the generating location, pending their use on the same drilling site (only if Newfield owns the surface rights at that location as well as the leasehold rights) or transfer to another location to begin a Firmus® process, as further described in part 9 below, or their being transported to a state-approved disposal facility. The storage pit will be sufficiently large to contain the entire volume of the treated cuttings generated by the drilling on the location and will be separate from any other pit on the location. The latitude and longitude of this pit will be documented to aid in following the disposition of the cuttings later if needed.

Anticipated maximum mud weight is 12.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.62 psi/ft gradient.

8,599' x 0.62 psi/ft = 5366 psi

No abnormal temperature is expected. No H_2S is expected.

RECEIVED: Apr. 22, 2013

9. Other Aspects

An 8-3/4" hole will be drilled to a kick off point of 8,287' .
Directional tools will then be used to build to 92.56 degrees inclination.
The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer. In the event that the 7" casing is set outside the lease line setback, the upper most packer and frac sleeve will be installed inside the lease line setback back at ~9117' MD or deeper (660' FNL and 660' FWL).

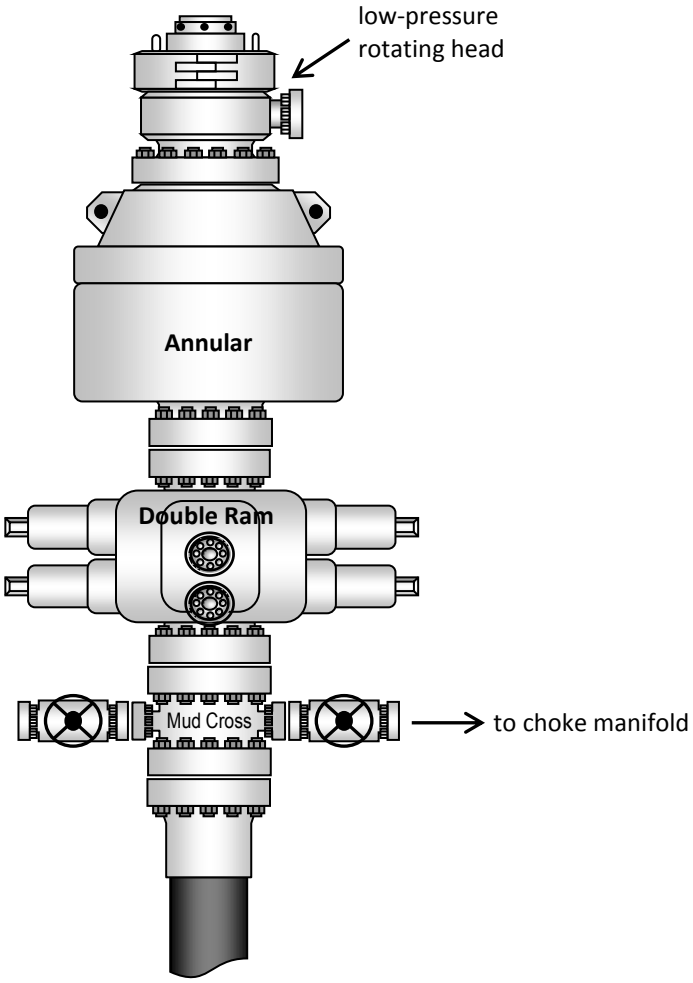
Newfield requests the following variances from Onshore Order #2:

- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

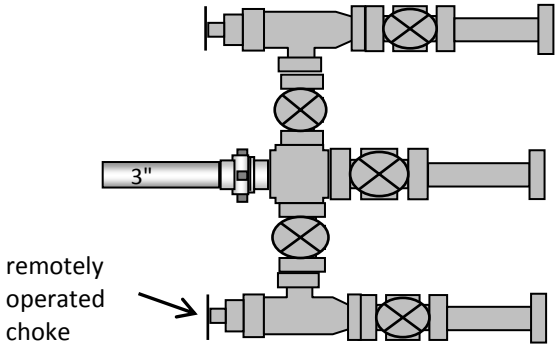
If Newfield owns the surface rights on the same drilling site at a location where construction is desired, the cuttings may be used for construction by a Firmus® process at that location. Otherwise, after the cuttings have been made safe for transport as described in paragraph 6, they will be transported to another location on which Newfield owns surface rights and there mixed, as part of a Firmus® process, with at least one additional chemical that will convert them to a temporarily uncured cementitious mixture that will be placed and shaped into a temporary desired final structure that will spontaneously harden within seven days after placement to form the desired structure. Samples of the temporary desired final structure may be taken for testing as described below (after the samples have hardened), or samples of the starting pretreated cuttings and mud will be taken during the construction and later mixed in a laboratory, molded, and cured to simulate the final structure as well as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the temporary mixture itself after hardening, will be mechanically tested directly to determine their unconfined compressive strength and their hydraulic conductivity. Leachates of the mechanically tested structures themselves or of finer particles made by crushing and size-grading of the mechanically tested structures themselves to a specified particle size range will be analyzed, according to specified methods, for their contents of arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, zinc, benzene, total petroleum hydrocarbons (TPH), and chlorides, and the pH of these leachates will also be measured. The results of all these tests will be reported by Newfield to UDOGM at intervals as requested, along with the latitude and longitude (or other comparable location data) of the site of the useful constructions built.

RECEIVED: Apr. 22, 2013

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: Apr. 22, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5936

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: POKER JACK 4-18-3-2WH

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515580000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0025 FNL 1157 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 18 Township: 03.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☑ SPUD REPORT Date of Spud: 4/24/2013	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Pete Martin Rig #16 spudded 20" hole on 04/24/2013 and drilled to 60' GL. Set 14", 36.75# (0.250" wall), A52A conductor pipe at 60' GL and cemented to surface with Redi Mix.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 29, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cherei Neilson	435 646-4883	Drilling Techinacian
SIGNATURE N/A		**DATE** 4/29/2013

Casing / Liner Detail

Well	Poker Jack 4-18-3-2WH
Prospect	Central Basin
Foreman	
Run Date:	4/24/2013
String Type	Conductor, 14", 36.75#, A52A, W (Welded)

- Detail From Top To Bottom -

Depth	*Length*	*JTS*	*Description*	*OD*	*ID*
0.00	60.00	2	14" Conductor Pipe	14.000	13.500

Cement Detail

Cement Company: Other

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives
Slurry 1					Redi Mix to Surface

Stab-In-Job?	No	Cement To Surface?	Yes
BHT:	0	Est. Top of Cement:	0
Initial Circulation Pressure:		Plugs Bumped?	No
Initial Circulation Rate:		Pressure Plugs Bumped:	
Final Circulation Pressure:		Floats Holding?	No
Final Circulation Rate:		Casing Stuck On / Off Bottom?	No
Displacement Fluid:		Casing Reciprocated?	No
Displacement Rate:		Casing Rotated?	No
Displacement Volume:		CIP:	
Mud Returns:		Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

RECEIVED: Apr. 29, 2013

Casing / Liner Detail

Well	Poker Jack 4-18-3-2WH
Prospect	Central Basin
Foreman	
Run Date:	4/28/2013
String Type	Surface, 9.625", 36#, J-55, LTC (Generic)

- Detail From Top To Bottom -

Depth	*Length*	*JTS*	*Description*	*OD*	*ID*
0.00	2498.18	62	9 5/8" Casing	9.625	8.921
2,498.18	1.20		Float Collar	9.625	
2,499.38	42.46	1	Shoe Joint	9.625	8.921
2,541.84	0.90		Guide Shoe		
2,542.74			-		

Cement Detail

Cement Company:

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives

Stab-In-Job?		Cement To Surface?	
BHT:	0	Est. Top of Cement:	
Initial Circulation Pressure:		Plugs Bumped?	
Initial Circulation Rate:		Pressure Plugs Bumped:	
Final Circulation Pressure:		Floats Holding?	
Final Circulation Rate:		Casing Stuck On / Off Bottom?	
Displacement Fluid:		Casing Reciprocated?	
Displacement Rate:		Casing Rotated?	
Displacement Volume:		CIP:	
Mud Returns:		Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

RECEIVED: Apr. 29, 2013

RECEIVED: Apr. 29, 2013

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pete Martin Rig #16
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number POKER JACK 4-18-3-2WH
Qtr/Qtr NW/NW Section 18 Township 3S Range 2W
Lease Serial Number 14-20-H62-5936
API Number 43-013-51558

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 04/24/2013 10:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

RECEIVED
APR 2 3 2013
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pro Petro Rig #10
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number POKER JACK 4-18-3-2WH
Qtr/Qtr NW/NW Section 18 Township 3S Range 2W
Lease Serial Number 14-20-H62-5936
API Number 43-013-51558

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 04/27/2013 18:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

RECEIVED
APR 2 5 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

43 013 51558

BOP TEST REPORT

DATE: 5-20-13 OPERATOR: New Field RIG OR SITE#: Pioneer 68 SEC: 18 TNSHIP: 3S RANGE: 2W

FIELD: central Basin WELL#: poker Jack 4-18-3-2 wH TEST PRESSURE: 250/5000 psi

EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	3
UPPER PIPE RAMS	4,9
LOWER PIPE RAMS	N/A
BLIND RAMS	12
KILL LINE VALVES	4/5
HCR VALVE	5
CHOKE VALVES	4
MANIFOLD VALVES	6,9,10
SUPER CHOKE	11
MANUAL CHOKE	N/A
UPPER KELLY VALVE	1
LOWER KELLY VALVE	2
INSIDE BOP	8
FLOOR VALVE	7
CASING PRE. 1500 psi	13

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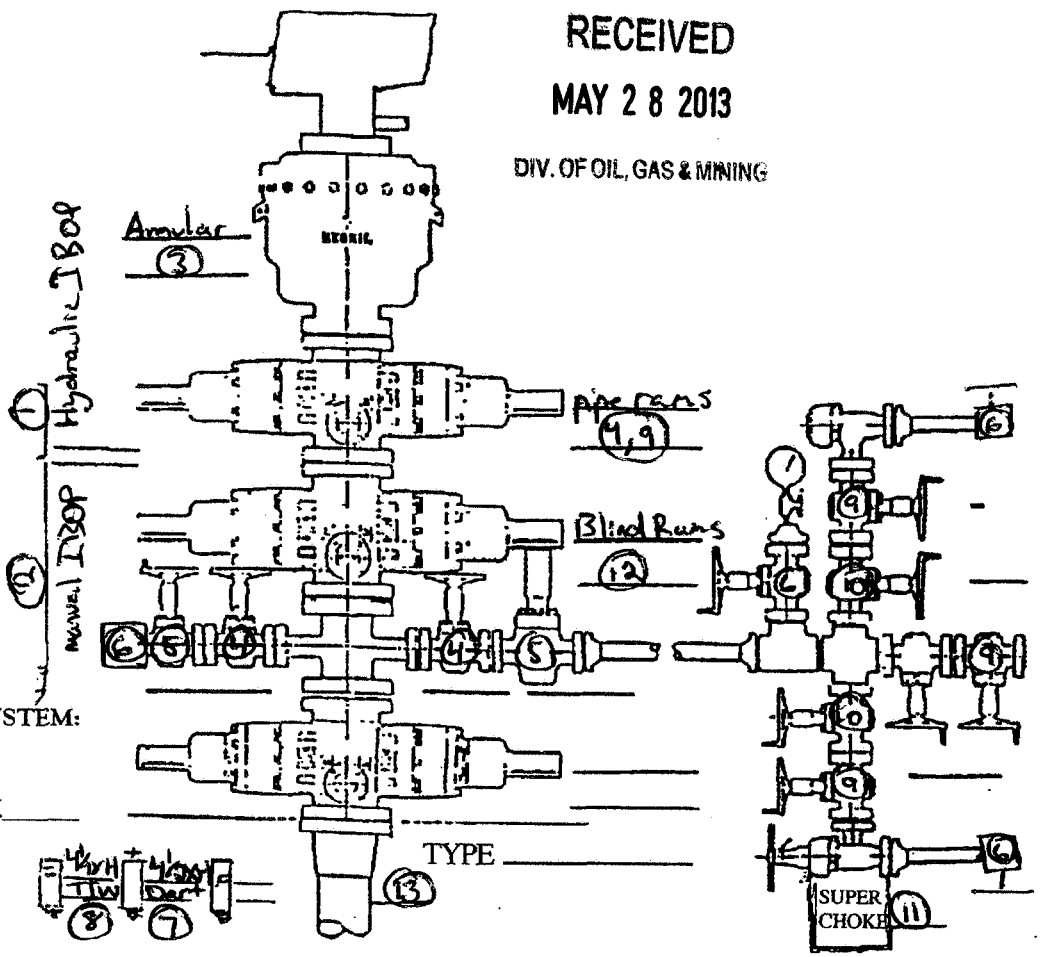
MAY 2 8 2013
DIV. OF OIL, GAS & MINING



ACCUMULATOR AND CLOSING SYSTEM:

NITROGEN PRECHARGE PSI 950
FIELD CHECK ✓ GUAGE CHECK ____
BOTTLES ✓ SPHERES ____

FUNCTION CHECK 28 sec
PUMP CHECK 2200
REMOTE OPERATION CHECK ✓
HYDRAULIC FLUID LEVEL ✓

OTHER TESTS:

EQUIPMENT TYPE ____ PRESSURE ____

REPAIRS OR POTENTIAL PROBLEMS:

Blind ram seal had to be replaced, was serviced by weatherford

EAGER BEAVER TESTERS

DATE 5-20-13 COMPANY: Newfield RIG: Pioneer 68 WELL NAME & #: poker Jack 4-18-3-2wH

ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION iii, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 100 desired psi)
9. Record the remaining pressure 2200 PSI

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 28 Sec (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

(O.S.O. #2 SECTION III.A.2.D.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 950 PSI

If pressure drops below the minimum precharge, (accumulator working pressure {1500 psi=700 min}{2000 and 3000 psi=

EAGER BEAVER TESTERS

DATE: 5-20-13 COMPANY: Newfield RIG: pioneer 68 WELL NAME & #: pokerface 4-18-3-2WH

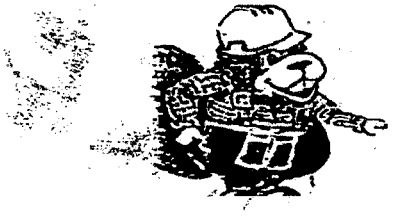
Time	Test No.		Results
1:11 AM ☐PM☑	1	Hydraulic IBOP (1500psi 10min)	Pass ☑Fail ☐
1:2a AM ☐PM☑	2	Manual IBOP	Pass ☑Fail ☐
3:11 AM ☐PM☑	3	Annular	Pass ☑Fail ☐
3:35 AM ☐PM☑	4	pipe rams, inside kill achoke values (w/DS 38 pipe)	Pass ☑Fail ☐
3:57 AM ☐PM☑	5	HCR, outside kill value	Pass ☑Fail ☐
4:26 AM ☐PM☑	6	Riser, Downstream manifold values, check value	Pass ☑Fail ☐
5:35 AM ☐PM☑	7	4½ XH Dart value	Pass ☑Fail ☐
5:56 AM ☐PM☑	8	4½ XH TIW	Pass ☑Fail ☐
7:11 AM ☐PM☑	9	(w/4½XH Pipe) pipe rams, outside manifold values	Pass ☑Fail ☐
7:32 AM ☐PM☑	10	inside manifold values	Pass ☑Fail ☐
7:51 AM ☐PM☑	11	superchoke	Pass ☑Fail ☐
1:13 AM ☑PM☐	12	Blind Rams	Pass ☑Fail ☐
2:03 AM ☑PM☐	13	Casing	Pass ☐Fail ☐
AM ☐PM☐	14		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐

Acc. Tank Size (inches) (____ W ____ D ____ L) ÷ 231= ____ gal.

Rock Springs, WY (307) 382-3350

BOP TESTING, CASING TESTING, LEAK OFF TESTING, & INTEGRITY TESTING

NIPPLE UP CREWS, NITROGEN CHARGING SERVICE



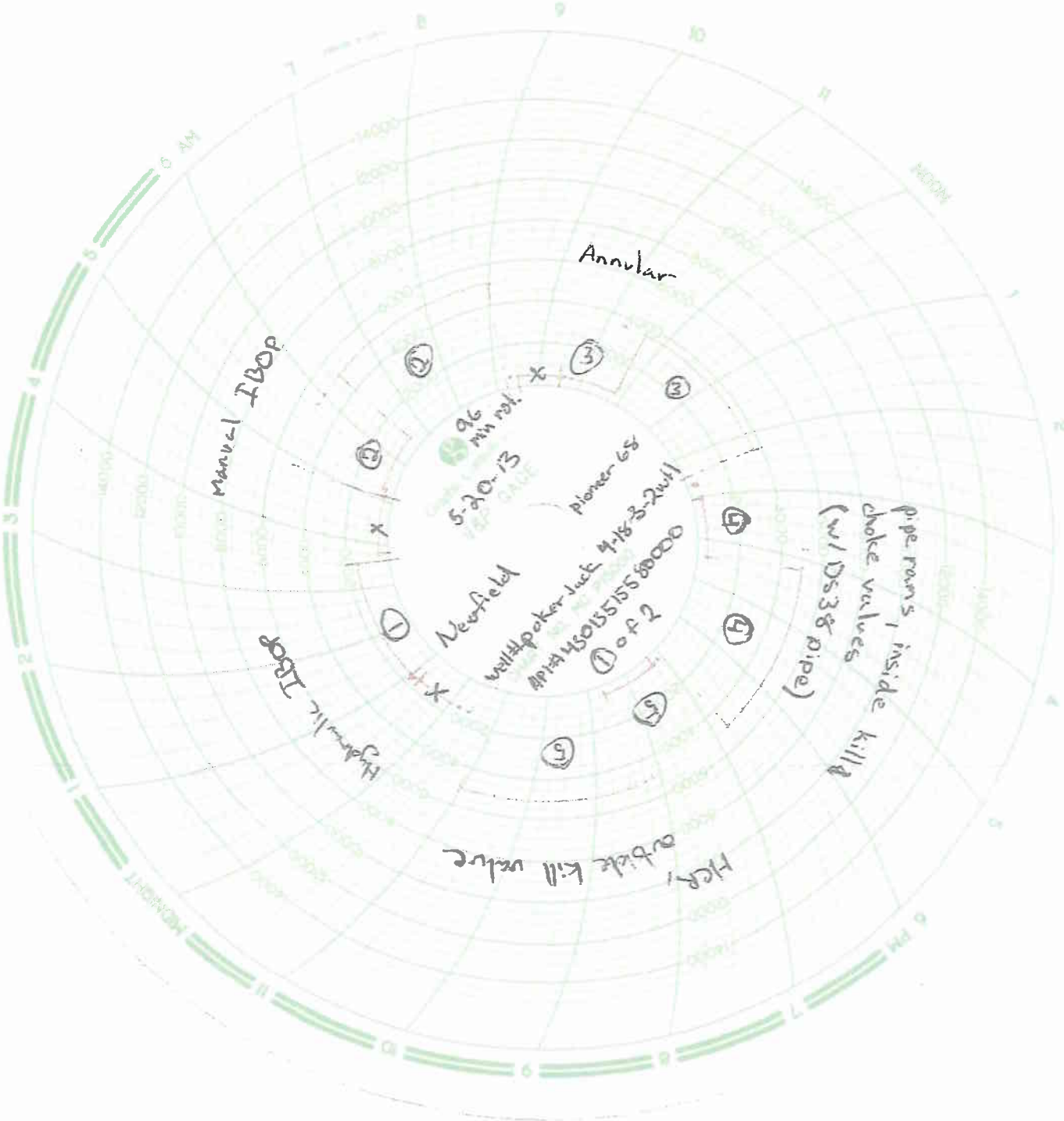
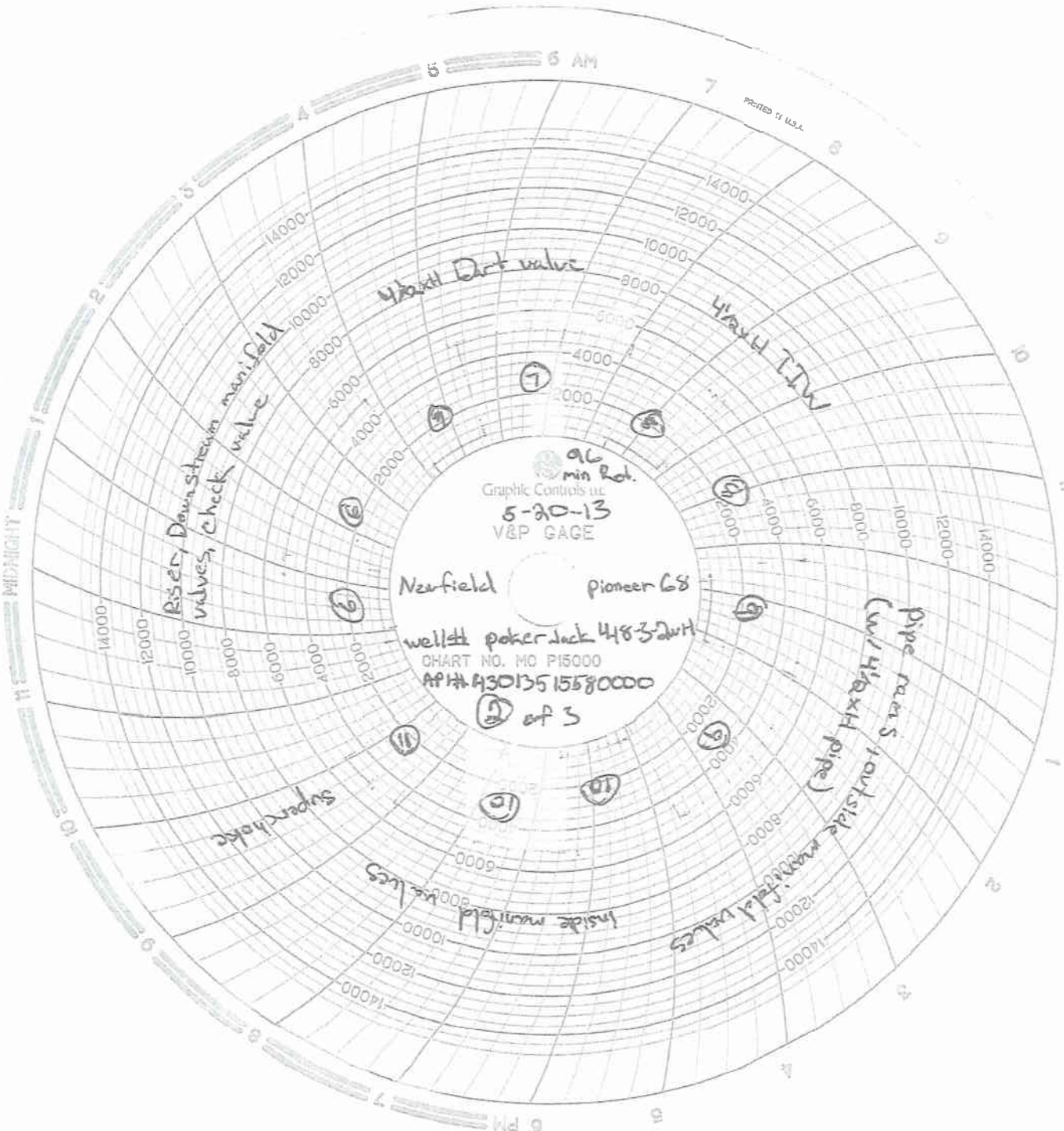
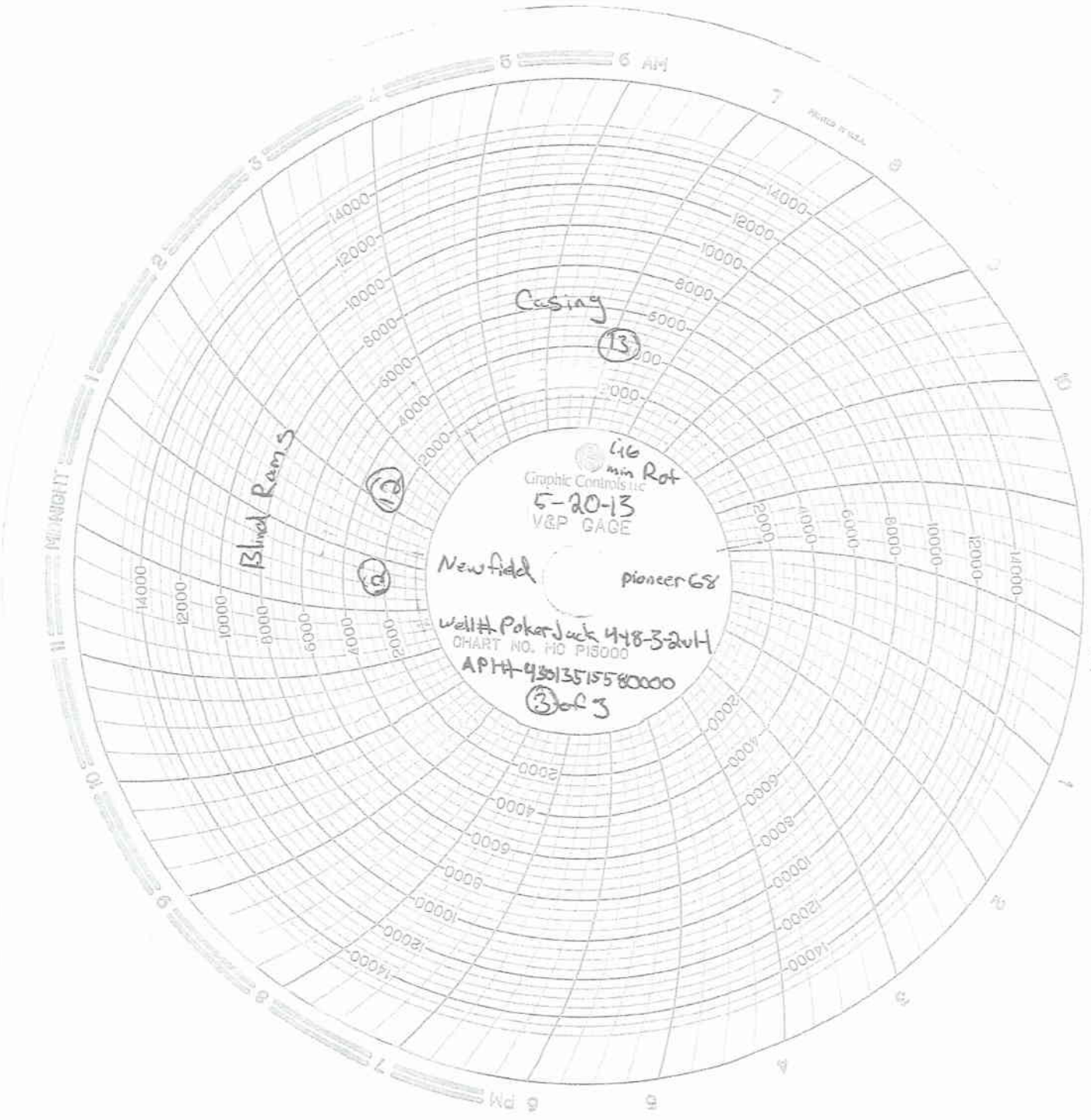


Chart #2 on Reverse


6 AM
6 PM
MIDNIGHT
NOON
96 min Rot.
Graphic Controls LLC
5-20-13
V&P GAGE
Newfield
Pioneer 68
well#4 poker Jack 4H-3-2WH
CHART NO. MC P15000
API#43013515580000
2 of 3
4" Swab Dart valve
4" Swab T.W.
Riser, Downstream manifold valves, check valve
Pipe rams 5" (w/ 4" & 2" H pipe)
outside manifold valves
inside manifold valves
Supervalve


Casing
13
Blind Rams
12
2
146
min Rot
Graphic Controls LLC
5-20-13
V&P GAGE
Newfield
pioneer 68
well # Poker Jack 448-3-2UH
CHART NO. HO P15000
API # 43013515580000
3 of 3

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer rig 68
Submitted By Bill Snapp Phone Number 970-361-3263
Well Name/Number Poker Jack 4-18-3-2WH
Qtr/Qtr NW/NW Section 18 Township 3S Range 2W
Lease Serial Number FEE
API Number 43013515580000

TD Notice – TD is the final drilling depth of hole.

Date/Time June 11 2013 1200 AM ☐ PM ☒

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☒ Liner
☐ Other

Date/Time 6/13/2013 00:00 AM ☒ PM ☐

RECEIVED
JUN 11 2013
DIV. OF OIL, GAS & MINING

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5936

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: POKER JACK 4-18-3-2WH

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515580000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0025 FNL 1157 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 18 Township: 03.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 6/10/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production Company respectfully requests approval to revise the 7 inch casing point to 8734' MD/8652' TVD and also cement the 4-1/2 inch liner.

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 25, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE N/A		**DATE** 5/28/2013

RECEIVED: May. 28, 2013

Newfield Production Company
4-18-3-2WH
Surface Hole Location: 25' FNL, 1157' FWL, Section 18, T3S, R2W
Bottom Hole Location: 660' FSL,660' FWL, Section 18, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface			
Green River	3,520'			
Garden Gulch member	6,426'			
Uteland Butte	8,874'			
Lateral TD	8,599'	TVD /	13,039'	MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	615'	TVD			(water)
Green River	6,426'	-	8,599'	TVD	(oil)

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor	0'	60'	37	H-40	Weld	--	--	--	--	--	--
14									--	--	--
Surface	0'	2,500'	36	J-55	LTC	8.33	8.33	14	3,520	2,020	453,000
9 5/8									2.12	2.54	5.03
Intermediate	0'	8,652'	26	P-110	BTC	10.5	11	16	9,960	6,210	830,000
7		8,734'							2.20	1.52	3.66
Production	8,156'	8,156'	13.5	P-110	BTC	12	12.5	--	12,410	10,670	422,000
4 1/2		13,039'							2.90	2.38	6.40

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)

RECEIVED: May. 28, 2013

Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Varicem + .125 lbs/sk Cello Flakes	720 / 216	15%	11.0	3.33
Surface Tail	12 1/4	500'	Varicem + .125 lbs/sk Cello Flakes	180 / 95	15%	13.0	1.9
Intermediate Lead	8 3/4	5,426'	Extendacem + .125 lbs/sk Cello Flakes	938 / 362	15%	11.5	2.59
Intermediate Tail	8 3/4	2,308'	Econocem + .125 lbs/sk Cello Flakes	399 / 246	15%	13.0	1.62
Production	6 1/8	4,305'	Elastiseal (foam cement)	466 / 253	15%	14.0	1.84

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be cemented from TD to the 7" casing shoe with 15% excess cement. A liner top hanger and packer will be installed 50' above KOP.

The cement slurries will be adjusted for hole conditions and blend test results.

6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 2,500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.
2,500' - TD	One of two possible mud systems may be used depending on offset well performance on ongoing wells: A water based mud: Hole stability may be improved with additions of KCl or a

similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). Returned mud and cuttings may be centrifuged, filtered, and/or otherwise mechanically treated so that they can be transferred to a lined cuttings pit. If needed, these cuttings will be subsequently mixed with at least one chemical that will further modify them so that they can be transported on public highways in open top trucks without any danger of substantial loss of material from the trucks to the environment. Samples of these mechanically and optionally chemically treated cuttings and mud will be taken for chemical analysis, and the remainder will be stored in a lined cuttings storage pit on the generating location, pending their use on the same drilling site (only if Newfield owns the surface rights at that location as well as the leasehold rights) or transfer to another location to begin a Firmus® process, as further described in part 9 below, or their being transported to a state-approved disposal facility. The storage pit will be sufficiently large to contain the entire volume of the treated cuttings generated by the drilling on the location and will be separate from any other pit on the location. The latitude and longitude of this pit will be documented to aid in following the disposition of the cuttings later if needed.

Anticipated maximum mud weight is 12.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.62 psi/ft gradient.

8,156' x 0.62 psi/ft = 5089 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" hole will be drilled to a kick off point of 8,206' .
Directional tools will then be used to build to 92.56 degrees inclination.
The lateral will be drilled to the bottomhole location shown on the plat.
A cemented liner will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

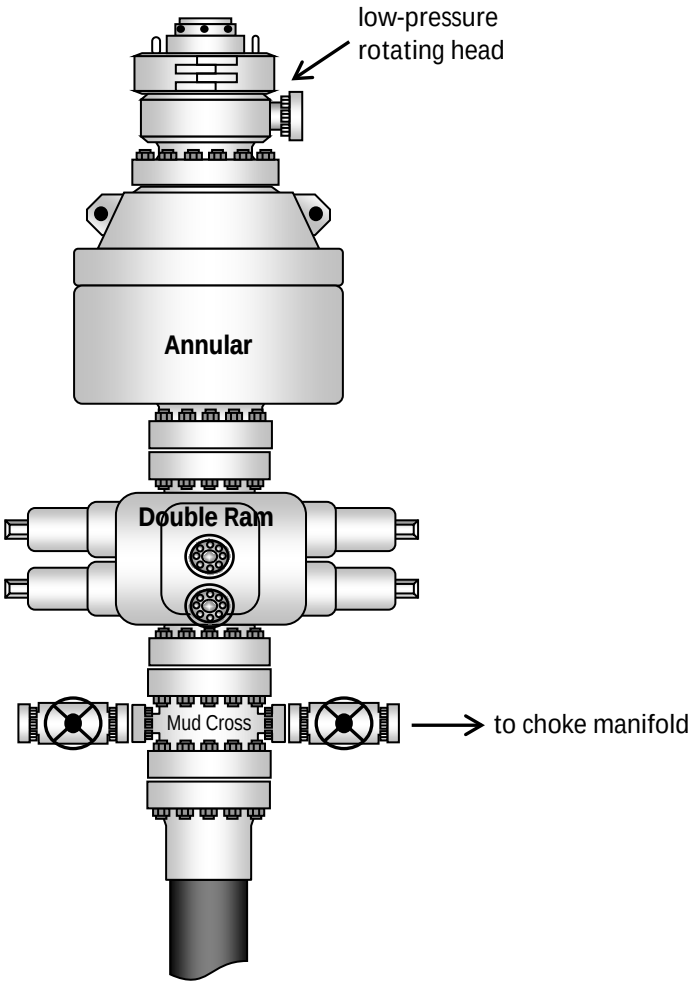
Newfield requests the following variances from Onshore Order #2:

- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

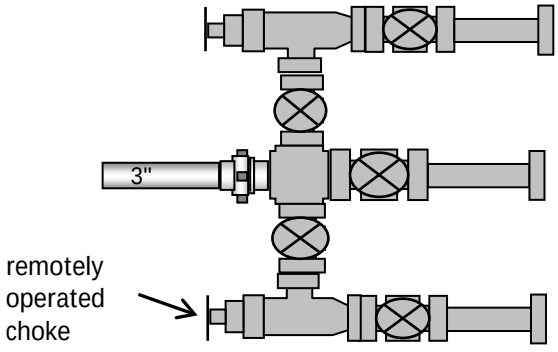
If Newfield owns the surface rights on the same drilling site at a location where construction is desired, the cuttings may be used for construction by a Firmus® process at that location. Otherwise, after the cuttings have been made safe for transport as described in paragraph 6, they will be transported to another location on which Newfield owns surface rights and there mixed, as part of a Firmus® process, with at least one additional chemical that will convert them to a temporarily uncured cementitious mixture that will be placed and shaped into a temporary desired final structure that will spontaneously harden within seven days after placement to form the desired structure. Samples of the temporary desired final structure may be taken for testing as described below (after the samples have hardened), or samples of the starting pretreated cuttings and mud will be taken during the construction and later mixed in a laboratory, molded, and cured to simulate the final structure as well as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the temporary mixture itself after hardening, will be mechanically tested directly to determine their unconfined compressive strength and their hydraulic conductivity. Leachates of the mechanically tested structures themselves or of finer particles made by crushing and size-grading of the mechanically tested structures themselves to a specified particle size range will be analyzed, according to specified methods, for their contents of arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, zinc, benzene, total petroleum hydrocarbons (TPH), and chlorides, and the pH of these leachates will also be measured. The results of all these tests will be reported by Newfield to UDOGM at intervals as requested, along with the latitude and longitude (or other comparable location data) of the site of the useful constructions built.

RECEIVED: May. 28, 2013

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: May. 28, 2013

NEWFIELD
ROCKY MOUNTAINS

August 15, 2012

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Poker Jack 4-18-3-2WH**
Section 18, T3S, R2W
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Poker Jack 4-18-3-2WH from a surface location of 1157' FWL and 25' FNL of Section 18, T3S, R2W to a bottom hole location of 660' FWL and 660' FSL of Section 18, T3S, R2W. Newfield shall case and cement the Poker Jack 4-18-3-2WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL of Section 18, T3S, R2W. The cased and cemented portion of the wellbore shall not be perforated nor produced. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

Newfield is operator of the proposed Ute Tribal 6-7-3-2W located in the northern offset drilling and spacing unit (Section 7, T3S, R2W). The Ute Tribal 6-7-3-2W is scheduled to spud later this month or early next month. Due to the above circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Poker Jack 4-18-3-2WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4169 or by email at kharris@newfield.com . Your consideration of this matter is greatly appreciated.

Sincerely,

Kenneth M. Harris
Landman

API Well Number: 43013515580000

PBTVD 0640'

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: 1420H625941

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name: UINTAH AND OURAY

7. Unit or CA Agreement Name and No.:

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: POKER JACK 4-18-3-2WH

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

3a. Phone No. *(include area code)*: Ph:435-646-3721

9. API Well No.: 43-013-51558

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 25' FNL 1157' FWL (LOT#1, NW/NW) SEC 18 T3S R2W

At top prod. interval reported below: 953' FNL 700' FWL (LOT#1, NW/NW) SEC 18 T3S R2W

At total depth: 649' FSL 758' FWL (LOT#4, SW/SW) SEC 18 T3S R2W

10. Field and Pool or Exploratory: UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area: SEC 18 T3S R2W Mer UBM

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded: 04/24/2013

15. Date T.D. Reached: 06/15/2013

16. Date Completed: ☐ D & A ☑ Ready to Prod. 07/31/2013

17. Elevations (DF, RKB, RT, GL)*: 5187' GL 5205' KB

18. Total Depth: MD 13,110' TVD 8,640'

19. Plug Back T.D.: MD 13105' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13-1/2"	9-5/8" J-55	36	0'	2543'		250 CLASS G			
						460 TYPE V		1320'	
8-7/8"	7" P-110	29	0'	8726'		275 BONDCEM			
						560 VERICEM			
6-1/8"	4.5" P-110	13.5	7913'	13025'					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@9645'	XN@9636'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	9412'	12976'	9412'-12976' MD	0.35	481	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9412'-12976' MD	Frac w/ 2,176,221#s of 30/50 sand, 15,000#S of 100 mesh, in 36,990 bbls of Lightning 20 fluid, in 20 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/27/13	8/7/13	24	→	1021	592	450			GAS LIFT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MARK	6444'
				GARDEN GULCH 1	6716'
				DOUGLAS CREEK MRK	7570'
				BI CARBONATE MRK	8105'
				CASTLE PEAK	8465'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 01/27/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

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SURVEY REPORT

Weatherford®

Report Date: **6/11/2013**
Customer: **Newfield**
Job Name: **4029524**
Well Name: **Poker Jack 4-18-3-2WH**

Field: **Central Basin**
Rig: **Pioneer 68**
Rig Loc: **Duchesne County**

Survey Calculation Method: **Minimum Curvature**

Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	**180.00 deg**	**52094 nT**	**65.87 deg**	**11.21 deg**	**0.00 deg**	**11.21 deg**

	Depth	INC	AZ	TVD	NS	EW
Survey Tie-On	**2491.00 ft**	**0.40 deg**	**197.70 deg**	**2490.79 ft**	**-16.57 ft**	**-13.81 ft**

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
2491.00	0.40	197.70	2490.79	-16.57	-13.81	16.57	0.00
2606.00	0.66	200.68	2605.78	-17.57	-14.17	17.57	0.23
2732.00	3.10	223.93	2731.71	-20.71	-16.79	20.71	1.99
2858.00	4.97	228.36	2857.39	-26.79	-23.23	26.79	1.50
2983.00	6.58	250.04	2981.77	-32.83	-34.01	32.83	2.15
3109.00	6.76	259.23	3106.92	-36.68	-48.08	36.68	0.86
3235.00	6.95	257.81	3232.02	-39.68	-62.82	39.68	0.20
3361.00	6.57	253.65	3357.14	-43.31	-77.19	43.31	0.49
3487.00	7.49	267.37	3482.20	-45.72	-92.31	45.72	1.51
3612.00	5.75	273.55	3606.37	-45.71	-106.70	45.71	1.50
3738.00	5.11	267.07	3731.80	-45.60	-118.60	45.60	0.70
3864.00	4.74	260.05	3857.34	-46.79	-129.33	46.79	0.56
3989.00	3.56	234.09	3982.02	-49.96	-137.56	49.96	1.75
4115.00	5.16	224.58	4107.65	-56.29	-144.71	56.29	1.39
4240.00	5.34	223.33	4232.13	-64.52	-152.65	64.52	0.17
4367.00	7.59	229.82	4358.31	-74.23	-163.11	74.23	1.86
4493.00	8.02	240.88	4483.15	-83.88	-177.15	83.88	1.24
4619.00	8.24	252.12	4607.89	-90.93	-193.42	90.93	1.27
4744.00	9.54	267.56	4731.41	-94.12	-212.30	94.12	2.16
4869.00	8.44	263.77	4854.87	-95.56	-231.77	95.56	1.00
4994.00	7.63	256.14	4978.64	-98.54	-248.94	98.54	1.07
5120.00	10.15	272.60	5103.14	-100.04	-268.16	100.04	2.82
5245.00	8.47	268.08	5226.49	-99.85	-288.37	99.85	1.46
5371.00	7.31	259.42	5351.30	-101.64	-305.52	101.64	1.32
5496.00	9.67	277.80	5474.95	-101.67	-323.75	101.67	2.85
5622.00	9.13	270.73	5599.26	-100.11	-344.23	100.11	1.01
5747.00	8.54	278.76	5722.78	-98.57	-363.32	98.57	1.09
5872.00	7.50	267.36	5846.56	-97.53	-380.64	97.53	1.52
5998.00	6.00	271.94	5971.69	-97.69	-395.44	97.69	1.26
6123.00	4.47	285.76	6096.17	-96.14	-406.66	96.14	1.58
6249.00	4.16	278.74	6221.81	-94.11	-415.90	94.11	0.49
6374.00	3.91	266.86	6346.50	-93.66	-424.64	93.66	0.70
6499.00	3.47	253.74	6471.24	-94.95	-432.52	94.95	0.76
6626.00	3.51	271.41	6598.01	-95.93	-440.10	95.93	0.84
6752.00	4.15	297.41	6723.74	-93.74	-448.00	93.74	1.45

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
6877.00	4.14	303.18	6848.41	-89.19	-455.80	89.19	0.33
7003.00	5.93	337.95	6973.95	-80.66	-462.05	80.66	2.74
7129.00	5.51	349.84	7099.33	-68.67	-465.56	68.67	1.00
7254.00	4.91	20.12	7223.83	-57.74	-464.78	57.74	2.22
7380.00	3.29	7.56	7349.51	-49.09	-462.45	49.09	1.46
7506.00	2.11	0.68	7475.37	-43.19	-461.94	43.19	0.97
7632.00	1.33	343.00	7601.31	-39.47	-462.34	39.47	0.74
7758.00	1.00	314.01	7727.28	-37.31	-463.56	37.31	0.53
7883.00	0.84	269.87	7852.27	-36.55	-465.26	36.55	0.57
8009.00	0.75	239.63	7978.26	-36.97	-466.90	36.97	0.34
8135.00	0.07	180.64	8104.25	-37.47	-467.61	37.47	0.57
8197.00	1.47	176.15	8166.25	-38.30	-467.56	38.30	2.26
8229.00	4.38	182.78	8198.20	-39.93	-467.59	39.93	9.14
8260.00	7.69	184.07	8229.03	-43.18	-467.79	43.18	10.69
8292.00	10.59	182.29	8260.62	-48.26	-468.06	48.26	9.10
8323.00	12.97	180.04	8290.96	-54.58	-468.18	54.58	7.82
8355.00	14.61	176.65	8322.04	-62.20	-467.95	62.20	5.71
8386.00	17.15	176.09	8351.85	-70.67	-467.41	70.67	8.21
8417.00	20.12	176.23	8381.23	-80.55	-466.74	80.55	9.58
8448.00	23.37	176.09	8410.02	-92.01	-465.97	92.01	10.49
8480.00	27.01	177.03	8438.97	-105.60	-465.16	105.60	11.44
8511.00	30.54	177.47	8466.14	-120.50	-464.45	120.50	11.41
8543.00	33.57	178.91	8493.25	-137.47	-463.92	137.47	9.76
8574.00	36.26	179.75	8518.67	-155.21	-463.72	155.21	8.81
8605.00	39.76	179.60	8543.09	-174.30	-463.61	174.30	11.29
8636.00	43.47	178.72	8566.27	-194.88	-463.30	194.88	12.12
8673.00	47.84	176.36	8592.12	-221.31	-462.15	221.31	12.66
8763.00	55.64	177.65	8647.81	-291.82	-458.50	291.82	8.74
8795.00	59.38	180.76	8665.00	-318.80	-458.14	318.80	14.27
8826.00	61.31	182.64	8680.34	-345.73	-458.95	345.73	8.16
8858.00	61.93	183.47	8695.55	-373.84	-460.45	373.84	2.99
8899.00	63.29	184.29	8714.41	-410.16	-462.91	410.16	3.76
8931.00	65.30	183.63	8728.29	-438.92	-464.90	438.92	6.55
8962.00	67.87	182.38	8740.61	-467.33	-466.39	467.33	9.08
8994.00	70.00	181.56	8752.11	-497.17	-467.41	497.17	7.07
9025.00	71.87	180.45	8762.24	-526.46	-467.93	526.46	6.92
9058.00	75.10	179.22	8771.62	-558.10	-467.83	558.10	10.42
9082.00	78.26	178.53	8777.14	-581.44	-467.37	581.44	13.46
9088.00	79.25	178.16	8778.31	-587.33	-467.20	587.33	17.57
9119.00	84.89	178.34	8782.59	-618.00	-466.27	618.00	18.20
9150.00	90.44	178.34	8783.85	-648.95	-465.37	648.95	17.90
9181.00	89.82	178.52	8783.78	-679.94	-464.52	679.94	2.08
9212.00	89.69	178.98	8783.91	-710.93	-463.84	710.93	1.54
9243.00	89.51	178.47	8784.13	-741.92	-463.15	741.92	1.74
9274.00	89.03	178.34	8784.53	-772.91	-462.29	772.91	1.60
9305.00	88.89	178.12	8785.09	-803.89	-461.33	803.89	0.84
9337.00	88.83	177.66	8785.72	-835.86	-460.16	835.86	1.45
9367.00	88.71	178.03	8786.37	-865.83	-459.03	865.83	1.30
9398.00	88.77	177.53	8787.05	-896.80	-457.83	896.80	1.62
9429.00	88.40	177.64	8787.82	-927.77	-456.52	927.77	1.25

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
9461.00	88.27	177.13	8788.75	-959.72	-455.06	959.72	1.64
9492.00	88.15	177.46	8789.71	-990.67	-453.60	990.67	1.13
9524.00	90.18	177.11	8790.18	-1022.63	-452.08	1022.63	6.44
9555.00	90.99	175.94	8789.86	-1053.57	-450.21	1053.57	4.59
9586.00	91.23	176.40	8789.26	-1084.49	-448.14	1084.49	1.67
9620.00	93.26	177.11	8787.93	-1118.41	-446.21	1118.41	6.32
9680.00	94.63	178.65	8783.80	-1178.22	-444.00	1178.22	3.43
9710.00	93.58	177.99	8781.66	-1208.13	-443.12	1208.13	4.13
9742.00	92.59	177.80	8779.93	-1240.07	-441.95	1240.07	3.15
9772.00	93.21	176.11	8778.42	-1269.98	-440.35	1269.98	5.99
9803.00	95.00	175.44	8776.20	-1300.82	-438.08	1300.82	6.16
9834.00	96.30	175.69	8773.14	-1331.57	-435.69	1331.57	4.27
9864.00	98.92	175.67	8769.17	-1361.22	-433.45	1361.22	8.73
9895.00	98.67	175.28	8764.43	-1391.76	-431.03	1391.76	1.48
9926.00	98.24	175.70	8759.87	-1422.33	-428.62	1422.33	1.93
9957.00	96.98	177.32	8755.77	-1453.00	-426.75	1453.00	6.58
9988.00	95.62	177.86	8752.37	-1483.78	-425.46	1483.78	4.72
10019.00	93.02	180.75	8750.03	-1514.69	-425.09	1514.69	12.52
10049.00	92.38	182.92	8748.62	-1544.64	-426.04	1544.64	7.53
10079.00	92.97	183.70	8747.22	-1574.55	-427.77	1574.55	3.26
10110.00	93.14	184.14	8745.57	-1605.44	-429.89	1605.44	1.52
10173.00	90.68	184.33	8743.47	-1668.23	-434.54	1668.23	3.92
10205.00	90.74	184.67	8743.07	-1700.13	-437.05	1700.13	1.08
10236.00	90.62	184.66	8742.70	-1731.02	-439.57	1731.02	0.39
10267.00	91.36	184.92	8742.17	-1761.91	-442.16	1761.91	2.53
10298.00	91.30	185.03	8741.45	-1792.78	-444.85	1792.78	0.40
10330.00	91.05	184.65	8740.79	-1824.66	-447.55	1824.66	1.42
10361.00	91.05	184.41	8740.22	-1855.56	-450.00	1855.56	0.77
10392.00	91.60	184.23	8739.51	-1886.46	-452.33	1886.46	1.87
10423.00	91.30	184.22	8738.72	-1917.37	-454.61	1917.37	0.97
10454.00	92.10	184.28	8737.80	-1948.27	-456.91	1948.27	2.59
10486.00	92.96	183.28	8736.39	-1980.17	-459.02	1980.17	4.12
10517.00	93.71	183.63	8734.59	-2011.06	-460.88	2011.06	2.67
10548.00	92.29	183.62	8732.96	-2041.95	-462.84	2041.95	4.58
10580.00	92.34	183.85	8731.67	-2073.86	-464.92	2073.86	0.73
10611.00	92.46	184.18	8730.37	-2104.76	-467.09	2104.76	1.13
10674.00	92.65	183.39	8727.56	-2167.56	-471.25	2167.56	1.29
10736.00	92.38	183.45	8724.84	-2229.39	-474.94	2229.39	0.45
10799.00	91.60	183.13	8722.66	-2292.24	-478.55	2292.24	1.34
10862.00	91.05	182.46	8721.20	-2355.15	-481.62	2355.15	1.38
10925.00	89.88	182.26	8720.69	-2418.09	-484.22	2418.09	1.88
10988.00	90.49	182.08	8720.48	-2481.05	-486.60	2481.05	1.01
11051.00	89.57	180.14	8720.45	-2544.03	-487.82	2544.03	3.41
11082.00	90.25	179.80	8720.50	-2575.03	-487.81	2575.03	2.45
11113.00	91.60	179.65	8720.00	-2606.03	-487.66	2606.03	4.38
11145.00	94.76	178.52	8718.22	-2637.97	-487.15	2637.97	10.49
11176.00	93.45	177.42	8716.01	-2668.87	-486.05	2668.87	5.51
11207.00	93.77	177.83	8714.05	-2699.78	-484.77	2699.78	1.68
11238.00	94.05	177.64	8711.94	-2730.69	-483.55	2730.69	1.09
11278.00	91.98	176.80	8709.84	-2770.58	-481.61	2770.58	5.58

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
11301.00	91.11	177.08	8709.22	-2793.54	-480.39	2793.54	3.97
11364.00	91.85	176.89	8707.59	-2856.43	-477.07	2856.43	1.21
11426.00	91.17	177.47	8705.96	-2918.33	-474.02	2918.33	1.44
11489.00	92.16	176.95	8704.12	-2981.23	-470.96	2981.23	1.77
11552.00	91.76	177.46	8701.97	-3044.12	-467.89	3044.12	1.03
11614.00	91.48	177.91	8700.22	-3106.04	-465.38	3106.04	0.85
11677.00	91.79	178.14	8698.42	-3168.98	-463.21	3168.98	0.61
11740.00	91.05	177.24	8696.86	-3231.91	-460.68	3231.91	1.85
11803.00	91.11	177.86	8695.67	-3294.84	-457.98	3294.84	0.99
11865.00	93.27	179.48	8693.30	-3356.77	-456.55	3356.77	4.35
11928.00	91.42	179.44	8690.72	-3419.71	-455.95	3419.71	2.94
11991.00	91.97	180.63	8688.86	-3482.68	-455.99	3482.68	2.08
12054.00	91.85	180.98	8686.76	-3545.64	-456.87	3545.64	0.59
12117.00	93.71	182.22	8683.71	-3608.54	-458.63	3608.54	3.55
12180.00	92.04	180.69	8680.55	-3671.44	-460.23	3671.44	3.59
12243.00	92.04	180.24	8678.30	-3734.39	-460.74	3734.39	0.71
12306.00	95.11	179.40	8674.37	-3797.26	-460.54	3797.26	5.05
12369.00	93.82	178.45	8669.47	-3860.06	-459.36	3860.06	2.54
12432.00	91.67	175.57	8666.45	-3922.89	-456.08	3922.89	5.70
12494.00	93.02	176.11	8663.92	-3984.67	-451.59	3984.67	2.34
12557.00	92.66	175.88	8660.79	-4047.44	-447.19	4047.44	0.68
12620.00	91.60	175.31	8658.45	-4110.21	-442.36	4110.21	1.91
12683.00	92.66	175.72	8656.11	-4172.97	-437.43	4172.97	1.80
12746.00	91.92	175.45	8653.59	-4235.74	-432.59	4235.74	1.25
12809.00	91.79	174.58	8651.55	-4298.47	-427.12	4298.47	1.40
12872.00	91.79	174.67	8649.59	-4361.16	-421.22	4361.16	0.14
12935.00	91.85	173.99	8647.59	-4423.82	-415.00	4423.82	1.08
12997.00	92.47	175.34	8645.25	-4485.50	-409.24	4485.50	2.39
13053.00	92.53	174.55	8642.81	-4541.23	-404.31	4541.23	1.41
Projected to Total Depth:							
13110.00	92.53	174.55	8640.29	-4597.92	-398.90	4597.92	0.00

Weatherford surveys from 2491 ft. MD to 13053 ft. MD.
TD at 13110 ft. MD.
The total correction is 11.21 deg relative to True North.

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Daily Activity Report

Format For Sundry

POKER JACK 4-18-3-2WH

5/1/2013 To 9/30/2013

6/22/2013 Day: 1 **Completion**

Rigless on 6/22/2013 - Rig Up Cameron 10K Tubing Head Test -RU FMC 10K HCR Valve - RU JW WL RIH Gunk Basket Gauge Ring CCL and Caliper Log - 06:00- 08:00 - On Location Hold safety meeting with Vendors on Location, Conduct Hazard assessment , Fill out JSA and Spot equipment On Location Identify Hazards Communicate and discuss - No Activity - Well shut in - no activity on location - RD WL And Secure well Install Nightcap and close HCR 2 Barriers ? Wait on Orders for a Rig To cleanout Wellbore - 16:30 -18:00 Put 1500 Psi on Casing Start to Pull Out of Hole with 40 Arm Caliper Tool at 30 Ft/Min Logged up to 6700? and caliper tool quit working. Release pressure and start POOH. 17:10 - POOH, SWI and break off lubricator. - 08:00 ? 10:00 ? Installed Cameron 10K Tubing Head with 1 1/16 Dual outlet Valves ? tested Void to 5K Held Good ? Install Tubing Hanger with TWCV and rigged up FMC 10 K HCR Master Valve , Pressure tested to Newfield Guide lines 250 for 5 minutes and 10 K for 10 Minutes all tested Good - 14:30 15:30 RIH with CCL and Caliper tools and start to Log Well -0 psi 1000Ft pass from 7885 feet to 6850 BHA= Cable Head OD?1.44X1.00 ? Probe OD?X2.75X2.88- RBT (Bond Tool) OD?2.75X2.88- Probe 2 OD?2.75X2.88- GR OD?2.75X4.77- EMIT Probe OD? 3.50X5.87-probeOD?2.75X6.89 Total Length 33.19 feet Weight 313 Lbs - 13:00-14:30 - Because of Buildup on 1st Gauge ring Run Back in hole with 2nd gauge ring OD?375 and 3 1/8 X 5 Ft 200 feet into 4 ? Depth reached 8,150 ? Gauge ring Sticking Bad of hole get tools pull 4000 to get tools out of hole sticking bad in Collars , POOH with WL TOOLS .Cement Build up in Junk Basket - 11:00-13:00 RIH with 6.125 Gauge ring and Junk Basket to TOL 7,913 Feet ? BHA = 1 7/16 Cable Head OD?1.44X1.0 ?Weigh Bar OD?1.69X7.0 ? CCL 3 1/8 OD 3.12 X1.25 - X Over OD? 3.13X 1.50 ? Junk Basket OD?3.13X6.08 ?Gauge Ring OD?6.125 X.25 Total feet 17.08 Weight 113 Lbs - 10:00 - Removed Night Cap and Cameron Hanger ? Rigged up JW WL to well Pressure tested Lubricator to 5 K Good Test - 15:30-16:30 Caliper Log Pass 0 psi 1000Ft pass from 7885 feet to 6850

Daily Cost: $0

Cumulative Cost: $103,554

7/3/2013 Day: 2 **Completion**

Rigless on 7/3/2013 - MIRU Weatherford 7-1/16" 10K BOP stack and test same. - Started MI & spot 1 Dalbo FB tnk, 2 Dalbo swab tnks and 2 Dalbo equalizing tnks. MIRU Weatherford crane & delivered 7-1/16" 10K BOP stack + 7-1/16" 5K Annular BOP/HyDrill w/5 stage 100 gal accumulator. MI & Spot 2 Usanco porta potties & trash basket, Hammer delivered 2 set of pipe rack. Select delivered 4 light plants, man lift, and forklift & air compressor - Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor. - MIRU Weatherford torque wrenches to NU Weatherford 7-1/16"10K BOP stack on top of FMC 7-1/16" 10K HCR valve, BOP consisting of: 7-1/16" 10K x 7-1/16" 10K spool, double BOP w/2 manual kill valve outlets w/blind shear rams on bottom, 2-3/8" pipe rams on top, 7-1/16" 10K flow cross w/dual manual gate valve outlet, 7-1/16" 10K single BOP w/2-3/8" pipe rams, 7-1/16" 10K x 7-1/16" 5K DSA & 7-1/16" 5K Annular BOP/HyDrill. MIRU Rockwater flowback lines and dual adjustable choke manifold - MIRU Weatherford test unit. Perform dead head test to 10,000 psi. Test good. BO pressure. Accumulator: Perform hydraulic test to 1,500 psi on all component consisting of: Blind shear rams, bottom 2-3/8? pipe rams, upper 2-3/8? pipe rams & annular preventer/Hydrill. Test good. BO pressure. RU test hose to choke kill valve on double BOP. Closed Blind shear rams.

Function & pressure test blind shear rams to 250 psi for low, for 5 min w/HCR valve closed. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. PU a 2-3/8? mandrel ran down though BOP stack to the lower 2-3/8? BOP pipe rams and closed same. - Function & pressure test lower 2-3/8? BOP pipe rams against HCR valve to 250 for low, for 5 min. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. Open lower BOP pipe rams. Pulled 2-3/8? mandrel up to the upper 2-3/8? BOP pipe rams and closed same. Function & pressure test upper 2-3/8? BOP pipe rams against HCR valve and the two inside 2-1/16? outlet valve on flowcross w/ the two outside valve open to 250 for low, for 5 min. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. - Location and Well Secured with 2 Barriers HCR and Blind Shear Rams Closed+ Night Cap Installed ? Released all vendors will resume operations at 6 am in the Morning - Function & pressure test Rock Water FB 2" valves and double choke manifold to 250 for low, for 5 min. Test Good. BO pressure. Test same to 10,000 psi for high, for 10 min. Good Test--Weatherford 15K BOP Stack X Over back to 10K tested as per Newfield Guidelines 250 Low for 5 minutes and 10K for 10 Minutes - Weatherford Hydrill tested to 80% of working pressure 3,500 psi ? Rock water Flow back iron also tested to 10 K - FMC HCR Valve also tested 6-22-13 as per Newfield Guidelines 250 low for 5 minutes and 10 K high for 10 minutes- all tested Good.. 4-C Hauling in Water Filling 2 Frac Tanks with 1,000 bbls for cleanout tonight - No Activity - Open upper 2-3/8" BOP pipe rams. Pulled mandrel up to annular preventer/Hydrill. Closed upper 2-3/8" BOP pipe rams 3/4" and pulled 2-3/8? mandrel up against upper 2-3/8? BOP pipe rams. Closed Hydrill around 2-3/8" mandrel and open the inside 2-1/16" outlet valves on flowcross and closed the outside 2-1/16" outlet valves. Function & pressure test to 250 psi for low, for 5 min against the HCR valve. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. Open the outside 2-1/16" outlet valves. - Unload 2 Loads of 2 3/8 PH6 #5.95 Tubing 13,500 feet 239Jts String D-52 Joints String B-121 Joints String C- Waiting for rest of the pipe to come From Clay Burn location in the morning - Rock water flow Back Iron rigged Up -5 Dalbo Flow Back and work tanks spotted on location ? WC Arrived on location with Chemical- Jessen Elec Ground FB Tanks and Accumulator?s.
Daily Cost: $0
Cumulative Cost: $133,894

7/4/2013 Day: 3 **Completion**

Mountain States #1409 on 7/4/2013 - MIRU MT States WOR, spot pump tank, MI 7 spot consultant trailer, QT clean, drift, inspect 2-3/8" PH-6 tubing, - Continue RU MT States WOR. QT continue to clean , drift & inspect 2-3/8" PH-6 tubing. 11:30 MI & spot Consultant trailer and Usanco water tanks, swage tank. 14:00 Rigging in pump lines, spotting HYD catwalk. QT finish cleaning, drifting & inspecting. - Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor. Perform a Hazard hunt - MIRU MT States WOR half mask and spot pump and tank. QT continue to clean , drift & inspect 2-3/8" PH-6 tubing. 11:30 MI & spot Consultant trailer and Usanco water tanks, swage tank. - 07:00 QT on location to clean, drift & inspect 462 Jts 2-3/8" PH-6. 07:30 MT States on location. Waited on WOR base beam. - No Activity - MU & RIH w/ Weatherford BHA consisting of: Clog mill: 6.00" OD x 1.50" ID x 0.45' long, Casing Scrapper: 7" OD w/spring out, 5.25" OD w/spring in x 4.25" OD x 1.50" ID x 3.38' long, Bit sub: 4.50" OD x 1.25" ID x 0.87' long, X/over sub: 4.50" OD x 1.50" OD x 1.47' long, RN Nipple, 1 jt 2-3/8" PH-6 30.95' long & R Nipple. - Move over 118 jts 2-3/8" PH-6 tubing on pipe rack and tallied same. - MW WOR crew change. Supervisor crew change. JSA & safety meeting w/ night crew. Rig crew & consultant performed hazard hunt. Straighten BOP hydraulic hoses from BOP to accumulator & block off area near accumulator where hoses are jumbled. Isolate area at end of hydraulic catwalk. - 18:30 ? Torque BHA. Found leak on inline N2 surge bottle for Annular BOP. Called Weatherford for replacement. Removed N2 surge

bottle from system with no safety degradation for Annular BOP. PU 2 3/8? PH6 P110 work string. 19:00 ? PU 2 3/8? PH6 P110 work string. 00:00 ? Continue to PU 2 3/8? PH6 P110 work string. 233 jts (7236?) picked up. TOL @ 7908?
Daily Cost: $0
Cumulative Cost: $169,878

7/5/2013 Day: 4 **Completion**

Mountain States #1409 on 7/5/2013 - Circulate 7" casing clean. POOH w/ workstring. Run CBL & caliper log w/ JW Wireline. - MUPU Caliper inspection tool and CBL log tool, Problems with trucks computer, (1 Hour down time.). (Frac tanks being set on location, Moving water from the Clayburn to Poker Jack tanks.) (Weatherford?s mud pump spotted and will finish rig up of pump and sand hopper tomorrow.) - MIRU JW Wireline and Weatherford test unit. PUMU lubricator and test same to 5,000 Psi. RIH with 6.00? OD gauge ring to 7,908? 4 ?? liner top, POH with gauge ring, all tools recovered. Nothing in junk basket and no marks on gauge ring. - 06:00 POOH & stand back 116 stands in derrick EOT @ 695?. 06:25 OOH w/127 stands & BHA. Break down BHA. All tools recovered - 05:45 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor. Perform a Hazard hunt - 00:00 ? Continue to strap & PU 2 3/8? PH6 P110 work string. 01:30 ? Tag liner top on joint #255 (9? out) @ 7908?. Install TIW valve & RU Kelly hose. 02:00 ? Establish reverse circulation w/ rig pump @ 2.5 bpm & 1800 psi. Returns of thick drill mud, thinning to brown water. Pump 7? annular volume. Call JW Wireline & Weatherford tester to be on location @ 06:30. - 20:45 ? WL tools at surface. SD due to high winds & blowing sand. Wind speed @ 30 mph & gusts to 45 mph. Review log & check for top of cement. TOC @ 1320?. 21:30 ? Rerun CCL log. Found gaps in log. 22:15 ? Wireline out of hole. All tools to surface. RD & release JW wireline. - 13:00 ? 20:45 PU and RIH with casing 40-arm caliper evaluation log, magnetic thickness tool, and CBL. Run a 0 psi 1,000' repeat section pass and record, before pressuring up for full pass. Run back down to liner top. Pressure up on well and run CBL at 1500 psi log to surface. Continue logging. JSA & safety meeting for NFX Supervisor & MS WOR shift change. Forward caliper/wall thickness results to engineering for evaluation. Correlated to HES Spectral Density log. Three marks @ 7582?, 7680? & 7740?. Adjusted Caliper log depth +14?. - 23:00 ? PU & MU 3.75? Hurricane mill & X-overs to PH6 tubing. RIH w/ - 03:30 - SD pump. RD Kelly hose. POOH w/ 2 3/8? PH6 P110 work string. 06:00 Mountain States rig Crew change. NFX Supervisor change. Jsa & safety meeting.
Daily Cost: $0
Cumulative Cost: $199,492

7/6/2013 Day: 5 **Completion**

Mountain States #1409 on 7/6/2013 - PU PH6 workstring & C/O to 12,975'. Open hydralic frac sleeve. POOH laying down workstring. - 21:00 ? Open TIW valve & check flow. No flow. Remove TIW valve. Unlock & open upper pipe rams. POOH laying down PH6 workstring. Well continue to flow @ 0.2 bpm+/-. 23:45 ? Continue to POOH laying down PH6 workstring. Well flowing @ 0.5 bpm & 50 psi. No flow over tubing. Jt #280 (8690?) on pipe rack. 8659? still in well. 25 jts to TOL. - 20:15 ? Pressure down to 1000 psi @ 0.5 bpm. Open choke to 32/64? & pressure down to 600 psi @ 2.5 bpm. Pressure down to 500 psi @ 0.5 bpm. Open choke to 48/64? choke & pressure @ 200 psi & 2 bpm. Pressure down to 100 psi @ 0.5 bpm. Open 2? bypass valve. Pressure down to 20 psi @ 0.5 bpm. - 18:30 ? Pump down tubing @ 1.2 bpm & build pressure to open hydralic frac sleeve. Pressure to 8,800 psi @ 1.2 bpm. SD pump, pressure drop to 8200 psi. Watch for pressure bleed off for 3 minutes. No bleedoff. Bleed pressure to 5000 psi. Pump @ 2 bpm and pressure built to 8800 psi. SD pump & monitor

pressure. Pressure dropped to 8200 psi & held. Bleed down pressure to 4000 psi. Pump @ 2.25 bpm & pressure built to 8800 psi. SD pump & monitor pressure. Pressure dropped to 8200 psi & held. Called Supervisor & decided to pump minimum rate to reduce any friction pressure. Pump @ 0.45 bpm & built pressure to 8900 psi. Sleeve opened & pressure dropped. Increase rate to 2.2 bpm & 5550 psi. Continued to pump & with 3 bbls gone pressure stabilized @ 5600 psi. Pumped additional 10 bbls @ 2.25 bpm & 5600 psi. Pumped a total of 13 bbls @ 2.25bpm & 5600 psi. SD pump. ISIP ? 3800 psi. 5 min ? 3500 psi. 10 min ? 3400 psi. 15 min ? 3350 psi. Close TIW valve. RD Weatherford pump & lines. Bleed off well thru flowback iron on 20/64? choke. - 17:00 - Rig up Weatherford?s mud pump with hard iron to floor, POH with 3 jts (100?), Install TIW valve on tbg and tie Weatherford?s pump line onto tbg. Pump into well down tbg and open hydraulic sleeve at 12,975?. NFX supervisor & MS WOR crew change. JSA & safety meeting. Discuss: PPE, communications, smoking area, primary & secondary muster points, emergency contact number location, housekeeping, pinch points, reporting of injuries, loader operations & high pressure pumping. Attendants: Mountain States night crew, Willie O?Neill, Bob Martin, George Kartchner & Weatherford pump operator. 18:15 - Weatherford iron rigged up & pressured tested to 9000 psi against 2? lotorq valve on top of TIW valve. Pressure bled to 0 psi. Close & lock in upper & lower pipe rams. Annular BOP closed w/ 800 psi. - 03:30 ? Tag on JT #295 w/ 12? in (9138?). Up Weight-70K, Neutral WT ? 60K, SO WT ? 40K. Work pipe. No progress. LD jt #295. Tie back to single fast line. Spot & RU power swivel. 05:00 ? PU tubing w/ swivel. Swivel in 3 joints to 9220?. Free Spin ? 400 psi, Drill Torque ? 600 psi. PUWT ? 65K, NWT ? 57K, SOWT ? 44K. PU 3 jts & RIH not swiveling. 05:45 ? Hang back swivel. Continue to PU tubing. - 00:00 ? RIH w/ 4.75? Hurricane mill, stabilizer (3.5? OD stabilizer & 2.875? OD X 1.25? ID X .67? Long), X-over (2.9375? OD X 1.25? ID X 1.48? long), X-over (2.9375? X 1.1875? ID X .64 long), Jts tubing (30.95?) & RN-nipple (1.75? ID X .1.1? long) & 127 stds of 2 7/8? PH6 workstring. 02:30 ? Tag & enter liner top. PU tubing. - Rig up Weatherford?s mud pump and circulate well bottoms 2 full volumes 630 bbls @ avg 3.5 BPM avg 4,900 Psi, Pumped two sweeps with water cushion between sweeps, sweeps came around with drilling mud and BS&W then turned to cleaner water, Moving tbg up and down and changing placement of mill while circulating. - Circulate bottom up by reverse circulation, Pump 32 bbls and returns clean, Pump another 44 bbls and returns turned to dark brown color of drilling mud, Then started to get water base drill mud back, Continue circulation to flowback tank, sample taken of returns, mill plugging up and losing returns. pump down tbg to clean mill ports with 10 bbls @1,000 psi, swap back to reverse circulate up tbg thru mill ports. Pumped out 13bbls returns, tbg pressured up, shut down rig pump, monitor tbg pressure and pressure holding, Rig up Weatherford?s mud pump with hard iron to floor, Circulate long way 2 well volumes of water. - Continue to PU tubing, RIH with PH-6 off racks and BHA: RIH w/ 3.75? Hurricane mill, stabilizer (3.5? OD stabilizer & 2.875? OD X 1.25? ID X .67? Long), X-over (2.9375? OD X 1.25? ID X 1.48? long), X-over (2.9375? X 1.1875? ID X .64 long), Jts tubing (30.95?) & RN-nipple (1.75? ID X .1.1? long) & 127 stds of 2 7/8? PH6 workstring. Tagged bottom at 12,973?, Pick up swivel to reverse circulate bottoms up. 105 bbls volume.

Daily Cost: $0
Cumulative Cost: $268,391

7/7/2013 Day: 6 **Completion**

Mountain States #1409 on 7/7/2013 - Pump recycled produced water to kill well. Well continued to flow back, Land tbg on hanger w/TWCV, ND annular BOP, NU snubbing unit & pressure test. - Attemp to bleed down well to continue to POH tbg. Well continues to flowback, Continue to monitor well pressure and flowback. Bleed off casing thru choke, kept opening choke up and had on 64/64, well bled down to 7 Psi, and was holding at 7 psi, Flowing back on 2? open line 7 Psi, Climbed to 30 psi 2.3 bpm return. Pump into well at 1 bpm and hold back pressure on well bore, pressure to 1,100 psi, shut down pump and bleed off pressure, pressure fell from 1,100 psi to 450 psi, continue to fall slowly.Returns of gas cut fluid and gas as returns. Told run tbg plug in RN nipple and MIRU snubbing unit. - 03:30 ? Pump down

tubing @ 2.2 bpm & 1500 psi. Returns @ 700 psi on an 8/64? choke. 04:30 ? Rig pump started knocking. SD pump to check problem. SI well. SICP ? 1350 psi. 05:00 ? Pump repaired. Start pumping @ 1.75 bpm & 2100 psi. Returns on 10/64? choke & 1.5 bpm & 2100 psi. Open choke to 13/64? choke. 05:30 ? Returns 1.75 bpm & 1600 psi. Pump pressure 1900 psi & 1.75 bpm. - 02:00 ? Pumped 180bbls @ 3 bpm and pressure increased to 1250 psi. Returns @ 250 psi on 48/64? choke w/ gas & small amount of water. 02:30 - Slowed pump to 2.2 bpm & 1100 psi. Returns @ 50 psi on 48/64? choke w/ water & small slugs of gas. 03:15 ? Returns of water no gas. Pumped 350 bbls recycled produced water. SD Pump watch returns, slight flow. Flow increasing. Shut well in and monitor pressure. Pressure built to 700 psi while transferring water to work tank. - 00:00 ? EOT @ 7825?. Install & close TIW valve. Tie back to double fastline. Flowback returns- 0.5 bpm w/ gas flow. No flow up tubing. 00:45 ? Returns of turned to gas & small amount of water @ 200 psi on choke manifold bypass. RU Kelly hose to circulate gas out of well. 01:00 ? Pump down casing @ 3 bpm & 50 psi to circulate gas out of well. - 22:00 ? Pressure testing Annular BOP on snubbing unit as per Newfield Pressure testing guidelines checklist. Cameron on location w/ lubricator to pull 2? TWCV. 23:00 ? Annular BOP seal element would not pressure test. Release pressure. Change out Annular BOP seal element. - 20:15 ? Pro Slickline on location. Continue to pressure testing snubbing unit as per Newfield Pressure testing guidelines checklist. 21:30 ? Hotshot going to Vernal to PU 2 3/8? EUE x 2 7/8? EUE STD (5KWP) swedge, 2 7/8? EUE collar, 2 7/8? double seat TIW valve & 2 7/8? EUE straight nipple. The 2? TWCV will drift through a 2 3/8? EUE STD (5KWP) swedge. With this arrangement, we can pull the tubing hanger to surface & lubricate the TWCV out using the 2 7/8? TIW valve for well control. The TW valve will also give us well control while doing our SL operations. - 13:00 ?15:00 Hang tbg off on hanger with TWCV installed in hanger, Nipple down annular BOP and MIRU Mountain State snubbing unit while waiting on Slick line and tbg plugs. Pro Wireline (slickline) out of Evanston, WY. ETA 3 hours. - Rig down rig floor and ND Annular preventer/Hydrill, Pick up and NU snubbing unit and test same as per Newfield Pressure testing guidelines checklist. (shut down to allow rain and lighting storm to pass location.).
Daily Cost: $0
Cumulative Cost: $301,383

7/8/2013 Day: 7 **Completion**

Mountain States #1409 on 7/8/2013 - Unseat tubing & remove TWCV.RUSL & PT lubricator. Run gaugering & set double flapper BPV. POOH laying dwon tubing. - Bleeding down tbg at present, Tbg returns is gas , drilling mud, paraffin, little oil, Still blowing out tbg. monitor tbg for pressure, Tbg still flowing, Shut in to and hook up pump line to pump tbg volume of fluid (30 bbls) plus 15 bbls over for total 45 bbls. Shut down and open tbg to flowback and test flappers to see if holding. Tubing not holding continue to flow back gas and parafin and water. SICP 2,200 Psi, SITP 500 psi, pump 45 bbls water down tbg, Pumping down tbg at 1,900 psi, @1.0 bpm, flowing back well at 2,200 psi pure gas from well, (icing up flowline and manifold.) flowing back mostly gas and little water to flowback tanks. pump tbg volume of fluid (30 bbls) plus 15 bbls over for total 45 bbls. Shut down and open tbg to flowback and test flappers to see if holding. Open tbg slowly to flowback and bleed off tbg pressure. SITP 1,700 psi, tbg continue to flow back. Closed in tbg and pressure went back to 1,400 psi. flowing back side thru choke @2,600 psi mostly gas as returns. Closed in tbg and SITP at 1,400 psi. surged tbg to tank and had same result, tbg still coming back, Flappers not holding. Shut in tbg and well and call in for next procedure. - Wait on new procedure. Held JSA safety meeting with personnel on location, SITP 1,500 Psi, Try to bleed off tbg once again, Still leaking. Shut back in, - MIRU Pro Wireline (slickline). RIH with pulling tools and pull double flapper valve tbg plug from RN nipple at 7,790?. Recovered all tools and plug from tbg. Pick up new double flapper valve plug and RIH and set in RN nipple at 7,790?. Shear off and POH with setting tool. - 16:30 ? Open well and RIH with pulling tools and pull double flapper valve tbg plug from RN nipple at 7,790?. Recovered all tools and plug from tbg. 17:15 ? Remove double flapper valve with pump thru bottom from pulling tool & redress. 17:30 ? Install double flapper valve with

pump thru bottom onto SL setting tool. Attach lubricator to tubing & pressure test to 4800 for 5 minutes. Bleed down pressure to 2200 psi. 18:00 ? Open TIW valves. RIH with Double flapper valve with pump thru bottom, set in RN nipple at 7,790?. POOH with setting tool, all setting tools recover from tbg. 20:30 ? OOH. Remove lubricator from tubing. RU Kelly hose to bleed off tubing. Bleed off tubing to rig flat tank. Returns of gas & clean water. Tubing bled down to0 psi. Watch for 5 minutes w/ no returns. 21:00 - RDMO Pro Wireline unit & Weatherford?s test unit. RD Kelly hose & TIW valves. - 22:00 ? LD tubing. Casing pressure @ 2600 psi. Returns of gas & drilling mud. Flow back casing on 8/64? choke. 22:30 ? Laid down 14 jts tubing & tubing started to kick. Install & close TIW valve. RU Kelly hose to bleed off tubing. Bleed off tubing to rig flat tank. Returns of gas & clean water. Tubing bled down and could hear gurgling sounds. Leave tubing open & watch for 10 minutes. Couple of gas & mud kicks. Tubing died. Wait 15 minutes and no flow. 23:15 ? Close TIW valve. Remove Kelly hose. Slowly open TIW valve. No gas or fluid. Tubing dead. Remove TIW valve. Continue to LD tubing. Continue to flow back casing on 8/64? choke w/ gas & small drilling mud kicks. - 00:00 ? Continue to change out Annular BOP seal element. 01:15 ? Pressure test Annular BOP on snubbing unit as per Newfield Pressure testing guidelines checklist. Good test to 3000 psi for 10 minutes. Release pressure. - 03:45 ? Spot & RU Pro Slickline Services. Pressure test lubricator to 4500 psi. Good test. Bleed pressure down to 2000 psi. 04:45 ? Open TIW valve & RIH w/ 1.77? gauge ring to R-nipple @ 3288?. 05:45 ? POOH w/ 1.77? gauge ring.RIH with 1.67? gauge ring to RN-nipple @ 7,790?. POH w/gauge ring. RIH with Double flapper valve with pump thru bottom, set in RN nipple at 7,790?. POH with setting tool, all setting tools recover from tbg. - 02:00 ? PU joint of 2 3/8? EU tubing w/ TIW valve installed & closed. Run into well. Close travel slips on SU & close annular BOP. Open HCR valve. No pressure. Tag tubing hanger & screw tubing into hanger. Equalize between well & BOP stack. Backout packing nuts & lockdown pins on tubing hanger. Pull hanger to touch bottom of annular BOP. Close lower pipe rams on rig BOP. Bleed down pressure above lower pipe rams. Open annular BOP 7 pull hanger to surface. Remove & LD joint of tubing. 02:30 - Install 2 3/8? EUE x 2 7/8? EUE STD (5KWP) swedge, 2 7/8? EUE collar, 2 7/8? double seat TIW valve, 2 7/8? TIW valve (for dual safety barriers) & 2 7/8? pin X 2 7/8? pin EUE straight nipple. RU & test Cameron lubricator. Remove TWCV from hanger & close TIW valves. RD Cameron Lubricator.
Daily Cost: $0
Cumulative Cost: $358,747

7/9/2013 Day: 8 **Completion**

Mountain States #1409 on 7/9/2013 - LD tubing. RDMOSU. NDBOP stack. NU & pressure test frac stack. - 03:00 ? 06:00 Waiting for daylight to snub remainding 70 jts tubing out of well. - Snubbing out 2 3/8 PH-6 tbg and BHA. w/ 3.75? Hurricane mill, stabilizer (3.5? OD stabilizer & 2.875? OD X 1.25? ID X .67? Long), X-over (2.9375? OD X 1.25? ID X 1.48? long), X-over (2.9375? X 1.1875? ID X .64 long), Jts tubing (30.95?) & RN-nipple (1.75? ID X .1.1? long) and 2 3/8? PH6 workstring. Laid down all workstring and BHA. Close HCR valve, Monitor HCR valve for leakes, Holding, - RDMO Mt. State?s snubbing unit. RDMO Mt. State?s WOR and equipment, Load out 462 jts 2 3/8? PH-6 tbg, Release all drill out related equipment and ready location for frac, - Wait on Weatherford?s test unit and crane, On the 1-18-19-3-3WH, Will move to here when finished there. 1-18-19-3-3WH turned to complete BOP RU, Called and got B&G crane and FMC?s test unit and wrenches to do complete ND and NU of frac stack. Wait on FMC?s test unit and B&G crane ser. - 17:00 ? ND drill out BOP stack. 18:30 ? NU FMC 7 1/16? frac stack: 10K 7-1/16" 'Lower Master' hydraulic frac valve , N/U 10K DSA Spool - 10K 7-1/16" 'Upper Master' manual frac valve -10K 7-1/16" flowcross, 2 - 2-1/16" outlets w/ double 2 1/16? gate valves, 10K 7-1/16" 'Crown' manual frac valve ? 10K Goat head & 10K night cap w/ bleed valve. - 21:00 - Test Frac stack as per Newfield pressure testing guidelines. 250 psi low / 10,000 psi high against HCR frac valve. - 00:00 ? Continue to LD tubing. 02:30 - Well shut in. 70 jts (2182?) tubing in well. String weight 9K.
Daily Cost: $0

Cumulative Cost: $399,799

7/10/2013 Day: 9 **Completion**

Mountain States #1409 on 7/10/2013 - Pressure test frac stack. RU flowback iron & pressure test. Spot & fill frac tanks. - MIRU Weatherford test unit and test flowback equipment as per Newfield Pressure testing guidelines checklist. 250 psi low, 10,000 psi high. 20 tanks spotted on location and filling tanks. Popoff on sand trap failed pressure test. Leaking @ 0 psi. Rockwater has 2 on order. They will check tomorrow when delivery is expected. Halliburton notified & have 20 frac plugs & 2 kill plugs on hand for frac. JWWL on call. Weatherford on call for testing wireline lubricator. - MIRU RockWater?s sand trap and finish rigging up to frac stack and test, Move in 5 more frac tanks, putting 20 tanks on the Padillo location also, and filling all tanks with frac water. - 02:00 ? All venders off location. No further activities tonight. - 00:00 ? Continue to test FMC 7 1/16? Frac stack as per Newfield pressure testing guidelines. 250 psi low / 10,000 psi high against HCR frac valve. 01:30 ? Well shutin. HCR valve closed & pressure bled off of frac stack. Lower & upper master valves & 2 1/16? gate valves closed. Testing complete. RD B&G Crane & FMC pressure testers.
Daily Cost: $0
Cumulative Cost: $433,811

7/11/2013 Day: 10 **Completion**

Rigless on 7/11/2013 - Fill frac tanks. MIRU Baker frac, JW Wireline, - No activities. Waiting for Baker frac to return in AM. - 16:30 - Baker frac equipment to arrive location. MIRU equipment. 18:30 ? Baker off location for 10 hrs off. Will return in AM. JW Wireline on loc. Spot equipment. - Continue to fill frac tanks. filled 18 frac tanks on Poker Jack, left two tanks empty for testing of water line to location with. 20 frac tanks spotted on Padilla location, filling tanks now. RockWater on location to lay water manifold on frac row and on the Padillo loc, - 13:30 ? Spot (4) sand cans and belt, left location, Equipment just leaving Baker?s yard, Wait on Baker frac equipment to arrive location. - 10:45 ? Baker adding chemicals to water in tanks on both locations. 11:00 ? Baker arrived with three sand cans. Spot sand cans, - 14:45 - Wait on Baker frac equipment to arrive location.
Daily Cost: $0
Cumulative Cost: $446,861

7/12/2013 Day: 11 **Completion**

Rigless on 7/12/2013 - Load sand bins. RU Baker frac equipment. Frac stage #1. - Perforating STAGE #2 of 20: 21:00 - Rig up JWWL with full 10K lubricator/ grease injection, tool trap and wireline 10K BOP's. Baker Hughes pump truck rigged up for pumpdown. Pressure test surface treating line & lubricator to 9,500 psi. Equalize lubricator with wellbore pressure to 4,000 psi. Open well. Initial SICP: 3,955 psi. RIH with Halliburton Composite Fast Drill TC, 4.5?, pump down bridge plug on Owen 'Shorty' setting tool c/w slowburn charge and 2-3/4" cluster perf gun assembly (2 ea -2? guns per stage w/ 6 SPF @ 60deg phasing w/ 19gram charges). RIH w/ lubricator under pressure. 21:44 - Start pump down: 2 bbl/min @ 3,950 psi @ 8,292 ftKB, Increase to 4 bbl/min @ 3,885 psi @ 8,795 ft KB, Increase to 8 bbl/min @ 4,100 psi @ 9,150 ft KB Pump to max depth 12,967 ft KB. 22:15 - Stop pumps. Maximum pumping pressure 4,481 psi. ISIP: 4,120 psi. Maximum inhole rate at 210 ft/min. Final inhole rate 135 ft/min. Used total 244 bbl water for pump down. Log into position and set Halliburton 10K composite flo-thru frac plug at 12,936? (Collar @ 12,975?) ft KB, 34 seconds set time, line tension fell from 1,385 lbs to 1,250 lbs. Log into position. PERFORATE STAGE #2 from: 22:20 hrs: 12,900? to 12,902 ft KB 22:22 hrs: 12,800? to 12,802ftKB with a 2 ea - 2 ft, 2 3/4? gun loaded with 6 spf, 19 gram Titan Good Hole charges @ 60 degree phasing, 12 shots / interval. 22:23 hrs: Log OOH. 23:50 hrs: Out of hole. 00:00 hrs: SIW. Hoist lubricator and guns.

Layout and inspect guns. All shots fired and properly directed. All tools OOH. - 00:00 ? Sand trucks on location. Off load into sand bins. 05:15 ? Baker on location. Baker frac rigging up frac iron and unloading sand in cans. - Baker frac rigging up frac iron and unloading sand in cans, spotting equipment. 70% rigged up. JW Wire line on location, will finish rigging up after Baker is done, 07:30 Baker broke off side caps on goat head to connect frac iron to well head. Man feeling bad, pulled off line while rigging up, Put him in pickup with air on him and he felt fine, wanted to return to work, Took him to town by Baker supervisor and left in town, will be back tomorrow for his tour. Having radio trouble, no communication with crew. RockWater laying water line to location with road crossing being installed. - 14:00 ? Stage #1 Started to pump stage #1, getting ready to move sand and sanded off the belt, shut down to clean off belt and restart stage #1. Open well with SICP 2,896 psi. 18:15 ? Stage #1 Pumped 600 bbls & could not get proper crosslink. 18:30- Shut down to fix chem pump & re-program radios. 19:15 ? Stage #1 Restart pumping stage #1. Pumping @ 35 bpm & 5450 psi. Good crosslink & all equipment functioning properly. Rockwater transfer line laid & ready to pump. Open Crown valve, upper master valve & HCR valve. Frac Basal Carbonate stage #1 as follows: avg rate 35 bpm, avg press 5,475 psi, max rate 35 bpm, max press 6,340 psi. Pump 50 bbl 15% HCL. Frac with 1,974 bbl of 20# Lightening/slickwater. 4,500# 0.5 PPG 100 mesh and 69,587 lbs of 0.5 ? 3.5 PPG 30/50 White Sand. Avg HHP: 4,656. 100% sand placed on formation. N2 regulator - 248 psi, N2 bottle pressure - 2,137 psi, Ball popoff set @ 8,847 psi.
Daily Cost: $0
Cumulative Cost: $497,975

7/13/2013 Day: 12 **Completion**

Rigless on 7/13/2013 - Frac stage 3 , 4, 5 ,6 - WL Stages 3,4,5,6,7, - 21:45 ? Stage 7 Turn well over to WL- 21:45 ? Turn well over to WL - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker RIH 2,4,6,8, BPM -LT 600-at 235 Ft/Min ? Set Plug at 11,946 feet LT 1195 Set Lost 200 LT 995 8 seconds to set Pull Up Hole and perforated Perfs: 11,900? and 11,780?. Pumped 112 BBLS fluid all indications are plug set and both zones are perforated 00:00 - Currently POOH with WL Tools - Stage #6: Frac Basal Carbonate stage #6 as follows: avg rate 35 bpm, avg press 5,745 psi, max rate 35 bpm, max press 6,050 psi. Pump 0 bbl 15% HC l. Frac with 1,032 bbl of 17# Lightening/slickwater. 117,706 lbs of 1 ? 6 PPG 30/50 White Sand. Avg HHP: 5,038. Ball seated @ 4,661 psi @ 9 bpm, before seating 4,581 psi, after seating 4,660 psi. 100% sand placed on formation. N2 regulator - 255 psi, N2 bottle pressure - 2,145 psi, Ball pop off set @ 8880 psi - 19:30 ? WL out of hole with Guns all Shot ? Turn well over to Baker Pressure test Iron to 9,714 psi and re set Pop Off 255 on Bottle 2136 Test popoff 3 times going off at 8880 - Perforating STAGE #6 of 20: 17:30 RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing 18:00 Pump down tools with Baker RIH 2,4,6,8, BPM -LT 660-at 201 Ft/Min ? Set Plug at 12,156 feet LT 1271 Set Lost 200 1070 37 seconds to set Pull Up Hole and and perforated Perfs: 12,110?-12?, and 12,010?-12?. Pumped 132 BBLS fluid All indications are plug set and both zones are perforated 18:25 currently POOH with WL Tools - 00:00 ? Drop frac plug ball for Stage #2. Stage #2: Frac Basal Carbonate stage #2 as follows: avg rate 35 bpm, avg press 6,185 psi, max rate 36 bpm, max press 6,720 psi. Pmp 40 bbl 15% HCl. Frac with 1,983 bbl of 17# Lightening/slickwater. 5,000# 0.5-1.0 PPG 100 mesh and 98,880 lbs of 0.5 ? 4 PPG 30/50 White Sand. Avg HHP: 5,306. Ball seated @ 4730 psi @ 11.6 bpm, before seating 4750 psi, after seating 4720 psi. 100% sand placed on formation. N2 regulator - 248 psi, N2 bottle pressure - 1,885 psi, Ball popoff set @ 8847 psi. - Perforating STAGE #5 of 20: 13:20 ? 14:20 Started in hole with tools, Got to 5,000? +, tools not reading right, POH with tools and replace, 14:20 - Rig up JWWL with full 10K lubricator/ grease injection, tool trap and wireline 10K BOP's. Baker Hughes pump truck rigged up for pump down. Pressure test surface treating line & lubricator to 9,500 psi. Equalize lubricator with wellbore pressure to 4,126 psi. Open well. Initial SICP: 4,126 psi. RIH with Halliburton Obsidian Fast Drill TC, 4.5?, pump down bridge plug on Owen 'Shorty' setting tool c/w slow burn charge and 2-3/4" cluster perf gun

assembly (2 ea -2? guns per stage w/ 6 SPF @ 60 deg phasing w/ 15gram charges). RIH w/ lubricator under pressure. 14:40 - Start pump down: 2 bbl/min @ 4,040 psi @ 8,200 ft KB, Increase to 4 bbl/min @ 4,104 psi @ 8,500 ft KB, Increase to 8 bbl/min @ 4,329 psi @ 8,950 ft KB Pump to max depth 12,379 ft KB. Stop pumps. Maximum pumping pressure 4,523 psi. ISIP: 3,997 psi. Maximum inhole rate at 230 ft/min. Final inhole rate 180 ft/min. Used total 168.2 bbl water for pump down. Log into position and set Halliburton 10K composite flo-thru frac plug at 12,361.5 ft KB, 36 seconds set time, line tension fell from 1257 lbs to 1,056 lbs. Log into position. PERFORATE STAGE #5 from: 12,316?- 18? ft KB, 12,230? 32? ft KB, with a 2 ea - 2 ft, 2 3/4? gun loaded with 6 spf, 15 gram Owen charges @ 60 degree phasing, 24 shots / interval. POH with tools, SIW. Hoist lubricator and guns. Layout and inspect guns. All shots fired and properly directed. All tools recovered. 16:00 - Drop frac plug ball for Stage #5. - Drop frac plug ball for Stage #4. Stage #4: Frac Basal Carbonate stage #4 as follows: avg rate 34.9 bpm, avg press 5,890 psi, max rate 41 bpm, max press 6,558 psi. Pump 0 bbl 15% HC l. Frac with 2,278 bbl of 17# Lightening/slickwater. 110,040 lbs of 0.5 ? 5 PPG 30/50 White Sand. Avg HHP: 5,038. Ball seated @ 4,661 psi @ 9.1 bpm, before seating 4,581 psi, after seating 4,660 psi. 100% sand placed on formation. N2 regulator - 248 psi, N2 bottle pressure - 1,568 psi, Ball pop off set @ 8847 psi. - Stage #3: Frac Basal Carbonate stage #3 as follows: avg rate 35 bpm, avg press 5,820 psi, max rate 36 bpm, max press 6,683 psi. Pump 40 bbl 15% HC l. Frac with 2,438 bbl of 17# Lightening/slickwater. 3,500# 0.5-1.0 PPG 100 mesh and 92,980 lbs of 0.5 ? 4 PPG 30/50 White Sand. Avg HHP: 5,035. Ball seated @ 5,460 psi @ 25.5 bpm, before seating 5,220 psi, after seating 5,120 psi. 100% sand placed on formation. N2 regulator - 248 psi, N2 bottle pressure - 2,137 psi, Ball pop off set @ 8847 psi. Perforating STAGE #4 of 20: 09:40 ? Rig up JWWL with full 10K lubricator/ grease injection, tool trap and wireline 10K BOP's. Baker Hughes pump truck rigged up for pump down. Pressure test surface treating line & lubricator to 9,500 psi. Equalize lubricator with wellbore pressure to 3,997 psi. Open well. Initial SICP: 3,997 psi. RIH with Halliburton Obsidian Fast Drill TC, 4.5?, pump down bridge plug on Owen 'Shorty' setting tool c/w slow burn charge and 2-3/4" cluster perf gun assembly (2 ea -2? guns per stage w/ 6 SPF @ 60 deg phasing w/ 15gram charges). RIH w/ lubricator under pressure. 09:40 - Start pump down: 2 bbl/min @ 4,014 psi @ 8,200 ft KB, Increase to 4 bbl/min @ 4,079 psi @ 8,500 ft KB, Increase to 8 bbl/min @ 4,187 psi @ 8,950 ft KB Pump to max depth 12,577 ft KB. Stop pumps. Maximum pumping pressure 4,556 psi. ISIP: 3,997 psi. Maximum inhole rate at 250 ft/min. Final inhole rate 180 ft/min. Used total 187 bbl water for pump down. Log into position and set Halliburton 10K composite flo-thru frac plug at 12,566 ft KB, 45 seconds set time, line tension fell from 1282 lbs to 1,082 lbs. Log into position. PERFORATE STAGE #4 from: 12,510?- 12? ft KB, 12,450? 52? ft KB, with a 2 ea 2 ft, 2 3/4? gun loaded with 6 spf 19 gram Owen charges @ 60 degree phasing 24 shots / interval. POH with tools SIW. Layout and inspect guns. All shots fired and properly directed. All tools OOH. - Perforating STAGE #3 of 20: 02:45 ? Rig up JWWL with full 10K lubricator/ grease injection, tool trap and wireline 10K BOP's. Baker Hughes pump truck rigged up for pumpdown. Pressure test surface treating line & lubricator to 9,500 psi. Equalize lubricator with wellbore pressure to 4,400 psi. Open well. Initial SICP: 4,120 psi. RIH with Halliburton Obsidian Fast Drill TC, 4.5?, pump down bridge plug on Owen 'Shorty' setting tool c/w slowburn charge and 2-3/4" cluster perf gun assembly (2 ea -2? guns per stage w/ 6 SPF @ 60 deg phasing w/ 15gram charges). RIH w/ lubricator under pressure. 02:43 - Start pump down: 2 bbl/min @ 4,010 psi @ 8,300 ft KB, Increase to 4 bbl/min @ 4,080 psi @ 8,800 ft KB, Increase to 8 bbl/min @ 4,300 psi @ 9,150 ft KB Pump to max depth 12,750 ft KB. 04:08 - Stop pumps. Maximum pumping pressure 4,555 psi. ISIP: 4,220 psi. Maximum inhole rate at 228 ft/min. Final inhole rate 141 ft/min. Used total 221 bbl water for pump down. Log into position and set Halliburton 10K composite flo-thru frac plug at 12,722 ft KB, 37 seconds set time, line tension fell from 1,268 lbs to 1,063 lbs. Log into position. PERFORATE STAGE #3 from: 04:10 hrs: 12,700? to 12,202 ft KB 22:22 hrs: 12,600? to 12,602ftKB with a 2 ea - 2 ft, 2 3/4? gun loaded with 6 spf, 15 gram Owen charges @ 60 degree phasing, 24 shots / interval. 04:14 hrs: POOH. 05:15 hrs: Out of hole. 05:20 hrs: SIW. Hoist lubricator and guns. Layout and inspect guns. All shots fired and properly directed. All tools OOH. 05:25 ? Drop frac plug ball for Stage #3. - Drop frac plug ball forStage #5: Frac Basal Carbonate stage #5 as follows: avg rate 34 bpm, avg press 6,005 psi, max rate 37

bpm, max press 6,817 psi. Pump 0 bbl 15% HC l. Frac with 881 bbl of 17# Lightening/slickwater. 111,120 lbs of 0.5 ? 5 PPG 30/50 White Sand. Avg HHP: 4,989. Ball seated @ 4,868 psi @ 9 bpm, before seating 4,579 psi, after seating 4,881 psi. 100% sand placed on formation. N2 regulator - 248 psi, N2 bottle pressure - 2,478 psi, Ball pop off set @ 8847 psi.
Daily Cost: $0
Cumulative Cost: $819,182

7/14/2013 Day: 13 **Completion**

Rigless on 7/14/2013 - Frac stage 7 ,8,9,10,11,12 - WL Stages 8,9,10,11,12 - 21:07 - Currently Flowing Well Back on 32/64 Choke 2,000 psi for 2 well bore volumes 700 bbls . Flow Well Back on 32/64 Choke 2,000 psi for 2 well bore volumes 700 bbls .23:30 -Pumping Back into Well Bore able to maintain 5.3 bpm pressure breaking back and Good leak off on well ? Continue to work on flushing well - Stage #12 Frac Basal Carbonate stage #12 as follows: Open WH pressure 3845 psi avg rate 34 bpm, avg press 6,255 psi, max rate 36 bpm, max press 8,615 psi. Pump 0 bbl 15% HC l. Frac with 883 bbl of 17# Lightening/slickwater. 106,675 lbs of 1 ? 6 PPG 30/50 White Sand., Avg HHP: 5,778 Ball seated @ 4,944 psi @ 11.4 bpm, before seating 4,660psi, after seating 5,004 psi. 98% sand placed on formation. N2 regulator - 260 psi, N2 bottle pressure - 2,215 psi, pop off set @ 8,825 psi. - 19:15 -Turn well over to Baker Pressure test Iron to 9,615 psi , Switch out Nitrogen Bottle on pop Off ? re set pop off and test 8,825 psi 260 on regulator 19:20 ? Start Stage #12 Frac Basal Carbonate stage #12 as follows: Open WH pressure 3895 psi ? Start Stage - Baker Sanded off T Belt During 5 lb. Sand Stage were shut Down for 10 Minutes ? Got Back Into Stage Got back into rate resumed Job with 6 lb. in well bore well Screen out 21:07 - Currently Flowing Well Back on 32/64 Choke 2,000 psi for 2 well bore volumes 700 bbls . Plan Forward Flush well bore clean and resume frac operations run back in with WL Stage # 13 - 17:15 - Turn well over to WL ? Perf stage #12 17:30 - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing- Pump down tools with Baker, RIH 2,4,6,8, BPM , LT 781 - at 245 Ft/Min ? Set Plug at 10,918.5?, LT 1,263 Lost 200, LT 1,063 -5 seconds to set Pull up Hole and perforated Perfs: 10,850?? 52? and 10,776?-78?, Pumped 103 BBLS fluid, all indications are plug set and both zones are perforated. 18:24 - Currently POOH with WL Tools, 19:15 - WL out of hole with Guns all shot. Dropped ball for #12 - Stage #11: Frac Basal Carbonate stage #11 as follows: Open WH pressure 3895 psi ? Start avg rate 34 bpm, avg press 6,893 psi, max rate 36 bpm, max press 8,068 psi. Pump 0 bbl 15% HC l. Frac with 836 bbl of 17# Lightening/slickwater. 113,075 lbs of 1 ? 6 PPG 30/50 White Sand., Avg HHP: 5,778 Ball seated @ 4,944 psi @ 11.4 bpm, before seating 4,660psi, after seating 5,004 psi. 100% sand placed on formation. N2 regulator - 255 psi, N2 bottle pressure - 2,137 psi, pop off set @ 8,880 psi. - 00:00 - Currently POOH with WL Tools ? WL out of hole with Guns all Shot Turn well over to Baker Pressure test Iron to 9,679 - Stage #9: Frac Basal Carbonate stage #9 as follows: Open WH pressure 3,997psi. avg rate 35 bpm, avg press 5,981 psi, max rate 36 bpm, max press 6,877 psi. Pump 0 bbl 15% HC l. Frac with 469 bbl of 17# Lightening/slickwater. 113,466 lbs of 1 ? 6 PPG 30/50 White Sand. Avg HHP: 5,087, Ball seated @ 5,525 psi @ 20.6 bpm, before seating 5,395 psi, after seating 5,437 psi. 100% sand placed on formation. N2 regulator - 255 psi, N2 bottle pressure - 1,825 psi, pop off set @ 8,880 psi. 11:00 - Turn well over to WL ? 11:10 - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker, RIH 2,4,6,8, BPM , LT 684 - at 180 Ft/Min ? Set Plug at 11,346.5?, LT 1,236 Lost 240, LT 1,001 8 seconds to set Pull up Hole and perforated Perfs: 11,305-07?? and 11,181?-83?, Pumped 124 BBLS fluid, all indications are plug set and both zones are perforated. 12:20 - Currently POOH with WL Tools 13:00 - WL out of hole with Guns all shot. Dropped ball for #9 13:00 -Turn well over to Baker Pressure test Iron to 9,671. - Stage #8: Frac Basal Carbonate stage #8 as follows: Open WH pressure 3975 psi ? Start avg rate 35 bpm, avg press 6,225 psi, max rate 36 bpm, max press 7,155 psi. Pump 0 bbl 15% HC l. Frac with 488 bbl of 17# Lightening/slickwater. 113,199 lbs of 1 ? 6 PPG 30/50 White Sand. Avg HHP: 5,340 Ball

seated @ 5,180 psi @ 11.8 bpm, before seating 4,840 psi, after seating 5,190 psi. 100% sand placed on formation. N2 regulator - 255 psi, N2 bottle pressure - 1,825 psi, pop off set @ 8,880 psi. 06:45 - Turn well over to WL ? 06:45-07:45 ? Found faulty tool, changed out tools and RIH, 07:45 - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker, RIH 2,4,6,8, BPM , LT 684 - at 180 Ft/Min ? Set Plug at 11,557.5?, LT 1,236 Lost 240, LT 1,001 8 seconds to set Pull up Hole and perforated Perfs: 11,500-02?? and 11,395?-97?, Pumped 124 BBLS fluid, all indications are plug set and both zones are perforated. - 02:30 ? Turn well over to WL - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker RIH 2,4,6,8, BPM -LT 636-at 235 Ft/Min ? Set Plug at 11,738 feet LT 1190 Lost 240 LT 950 8 seconds to set Pull Up Hole and perforated Perfs: 11,700? and 11,610?. Pumped 116 BBLS fluid all indications are plug set and both zones are perforated 04:12 - Currently POOH with WL Tools - Stage #7: Frac Basal Carbonate stage #7 as follows: Open WH 3960 psi avg rate 35 bpm, avg press6,280 psi, max rate 36 bpm, max press 7,375 psi. Pump 0 bbl 15% HC l. Frac with 883 bbl of 17# Lightening/slickwater. 112,210 lbs of 1 ? 6 PPG 30/50 White Sand. Avg HHP: 5,387 Ball seated @ 5,180 psi @ 12.6 bpm, before seating 4,940 psi, after seating 5,200 psi. 100% sand placed on formation. N2 regulator - 255 psi, N2 bottle pressure - 1,970 psi, Ball pop off set @ 8880 psi - 13:00 ?16:00 Stage #10: Frac Basal Carbonate stage #10 as follows: Open WH pressure 3,997 psi ? Start avg rate 33 bpm, avg press 7,034 psi, max rate 39 bpm, max press 7,763 psi. Pump 0 bbl 15% HC l. Frac with 863 bbl of 17# Lightening/slickwater. 114,271 lbs of 1 ? 6 PPG 30/50 White Sand. Avg HHP: 5,758 Ball seated @ 5,859 psi @ 11.4 bpm, before seating 5,100 psi, after seating 5,860 psi. 100% sand placed on formation. N2 regulator - 255 psi, N2 bottle pressure - 1,656 psi, pop off set @ 8,880 psi. 14:00 - Turn well over to WL ? Perf stage #11 14:00 - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker, RIH 2,4,6,8, BPM , LT 722 - at 190 Ft/Min ? Set Plug at 11,131.5?, LT 1,240 Lost 226, LT 1,014 7 seconds to set Pull up Hole and perforated Perfs: 11,040?? 42?? and 10,960?-62?, Pumped 111.7 BBLS fluid, all indications are plug set and both zones are perforated. 15:10 - Currently POOH with WL Tools 15:50 - WL out of hole with Guns all shot. Dropped ball for #11 16:00 -Turn well over to Baker Pressure test Iron to 9,671

Daily Cost: $0
Cumulative Cost: $1,273,169

7/15/2013 Day: 14 **Completion**

Rigless on 7/15/2013 - Flow back stage 12 after screen out pump into well and resume operations Frac stage 13,14,15 - WL Stages13,14,15 - 16:00 - Turn well over to WL ? Perf stage #14 16:00 - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker, RIH 2,4,6,8, BPM , LT 704 - at 182 Ft/Min ? Set Plug at 10,541?, LT 1,215 Lost 233, LT 992, 4 seconds to set, Pull up Hole and perforated Perfs: 10,490?-92? and 10,400?-02?, Pumped 85 BBLS fluid, all indications are plug set and both zones are perforated. 17:15 Currently POOH with WL Tools,18:00 WL out of hole all Guns shot - turn well over to Baker to frac Stage #14 - Stage #13: Frac Basal Carbonate stage #13 as follows: Open WH pressure 3,658 psi ? Start avg rate 35 bpm, avg press 6,533 psi, max rate 37 bpm, max press 7,712 psi. Pump 0 bbl 15% HC l. Frac with 2,346 bbl of 17# Lightening/slickwater. 114,736 lbs of 1 ? 6 PPG 30/50 White Sand. Avg HHP: 5,636, 255 psi on N2 regulator, 1900 psi on bottle, Pop off set at 8880 psi. Pressure tested to 9675 psi. After screen out of s12, flowed well and pumped several times before being able to establish rate to pump guns down. Flowed a total of 780bbls and pumped a total of 1019.8bbls. Able to finally establish rate at 13.5bpm @ 8300ps. 3. Lost suction on blender when coming up on rate initially. Dropped rate to let blender catch up. 4. No clear indication of ball seating. (prevoius stage screened out). Pumped wellbore volume and proceeded with job. , - Turn well over to Baker Pressure test Iron to 9,675 and Baker for Frac Stage #15: Frac Basal Carbonate stage #15 as follows: Open WH 3935 psi avg rate 36 bpm,

avg press 6680 psi, max rate 37 bpm, max press 7110 psi. Pump 0 bbl 15% HC l. Frac with 1260 bbl of 17# Lightening/slickwater. 109554 lbs of 1?5 PPG 30/50 White Sand. Screened out on 5lb sand. Avg HHP: 5812 Ball seated @ 5160 psi @ 11.5 bpm, before seating 4,825 psi, after seating 5220 psi. 75% sand placed on formation. N2 regulator - 255 psi, N2 bottle pressure - 2137 psi, pop off set @ 8880 psi. Screened out stage #15 on 5lb sand started flowing well back on a 38 choke @ 2100psi. going to flowed back 600bbls. Washed out two choke beams. Flushed the well with 390bbls. Pumped 8bpm to establish rate and pressure for pump down. - ? Stage #15 Turn well over to WL - RIH with Halliburton 10K Obsidian Fast-Drill plug 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker RIH 2,4,6,8, BPM -LT 636-at 235 Ft/Min ? Set Plug at 10,358 feet LT 1254 LT 948 5 seconds to set Pull Up Hole and perforated Perfs: 10,260? and 10,312?. Pumped 118 BBLS fluid all indications are plug set and both zones are perforated - Turn over to Baker for Frac Stage #14: Frac Basal Carbonate stage #14 as follows: Open WH 3933 psi avg rate 35 bpm, avg press 5563 psi, max rate 36 bpm, max press 6360 psi. Pump 0 bbl 15% HC l. Frac with 1257 bbl of 17# Lightening/slickwater. 110037 lbs of 1?6 PPG 30/50 White Sand. Avg HHP: 4786 Ball seated @ 4750 psi @ 11.5 bpm, before seating 4,640 psi, after seating 4797 psi. 100% sand placed on formation. N2 regulator - 255 psi, N2 bottle pressure - 1,590 psi, pop off set @ 8880 psi. Tturned well over to wireline - 23:30 ? 01:00 - Pumped a total of 500 BBLS back into Well Bore able to maintain 5.3 bpm pressure breaking back and Good leak off on well ? Continue to work on flushing well - 06:00 Well sanded off, Cleaned well bore, Pumping into well at 6,723 Psi @ 9 bpm. Go for pumping down guns & plug. SICP 3,841 Psi to start. Finished @ 6,834 Psi @8.0 bpm. 06:20 - Turn well over to WL ? Perf stage #13 06:30 - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker, RIH 2,4,6,8, BPM , LT 690 - at 112 Ft/Min ? Set Plug at 10,725?, LT 1,068 Lost 150, LT 918, 4 seconds to set, Pull up Hole and perforated Perfs: 10,700?-02? and 10,600?-02?, Pumped 100.5 BBLS fluid, all indications are plug set and both zones are perforated. 07:30 - Currently POOH with WL Tools, 08:00 - WL out of hole with Guns all shot. Dropped ball for #13 08:00 -Turn well over to Baker Pressure test Iron to 9,671. - 05:20 ?Well was flowing 80 psi on 8/64 choke - Closed in Well building pressure 200 psi minute , Started pumping back into well at 3.8 bpm , well pressured out , surged well 3 times was able to increase rate and get back into formation at 13 Bpm 8,300 psi holding pressure and rate for 20 minutes , dropped rate to 8 bpm and pressure lined out at 6,600 psi , Pumped a Total of 1020 bbls into formation 06:00 Decision made to shut down rig up wire line and Resume operations and pump plug and guns for stage #13 06:00 ? Rig up wire Line onto well - Currently flowing back 1/2 bbl/min total flowed back since 02:30 150 BBLs total from well 900 BBLS ? Total fluid pumped into well = 643 bbls . When well is full open pressure will bleed down to 150 psi when close in well well will build back up to 3200 psi formation pressure . still working on well at this time - Pumped a total of 591 BBLS back into Well Bore Not able to get over 5.3 bpm Open Back up well and flow back to flow back tanks 36/64 Choke 6.5 bpm 2000 Psi plan on flowing back 2 more WBV - Wait on replacement T belts, Both belts broken, RDMO belt and wait on replacement unit. Spot T belt in position, move pumps back into position, hammer up iron, prime up.

Daily Cost: $0

Cumulative Cost: $1,519,289

7/16/2013 Day: 15 **Completion**

Rigless on 7/16/2013 - Flow back Stage #15 + #20 - Frac stage 16,1718,19,20 Set plugs for stages and set 2 kill Plugs in well#1 8026 #2 7984 Feet RD all vendors-0 Psi on Well - 03:15- Turn well over to WL to Plug and Perf stage #17 - RIH with Halliburton 10K Obsidian Fast-Drill plug 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker RIH 2,4,6,8, BPM -LT 645-at 230 Ft/Min ? Set Plug at 9948 feet LT 1023 LT 1023 5 seconds to set. Pull Up Hole and perforated Perfs: 9892? and 9820?. Pumped 118 BBLS fluid all indications are plug set and both zones are perforated. 04:20 - Currently POOH with WL Tools 05:00 - WL out of hole with Guns all shot 05:05 -Turn well over to Baker Pressure test Iron to 9,655. Frac

Stage #17: Frac Basal Carbonate stage #17 as follows: Open WH 3985 psi avg rate 35 bpm, avg press 5645 psi, max rate 37 bpm, max press 6470 psi. Pump 0 bbl 15% HC l. Frac with 1603 bbl of 17# Lightening/slickwater. 109089 lbs of 1?6 PPG 30/50 White Sand. Avg HHP: 4856 Ball seated @ 4955 psi @ 11.1 bpm, before seating 4,700 psi, after seating 4970 psi. 100% sand placed on formation. N2 regulator - 260 psi, N2 bottle pressure - 1290 psi, pop off set @ 8800 psi. - Turn well over to Baker Pressure test Iron to 9,600. Frac Stage #16: Frac Basal Carbonate stage #16 as follows: Open WH 3870 psi avg rate 36 bpm, avg press 5595 psi, max rate 36 bpm, max press 6410 psi. Pump 0 bbl 15% HC l. Frac with 1684 bbl of 17# Lightening/slickwater. 109564 lbs of 1?6 PPG 30/50 White Sand. Avg HHP: 4909 Ball seated @ 4745 psi @ 11.2 bpm, before seating 4,630 psi, after seating 4755 psi. 100% sand placed on formation. N2 regulator - 260 psi, N2 bottle pressure - 1390 psi, pop off set @ 8800 psi. - No Activity - Update: 22:00 Well and Location Secured for night RD and released all vendors off location Location and Well Secured- Night Cap on well-2 kill plugs Set -2 Master Valves closed on well- 0 psi on well Plan Forward to RD Frac Stack 06:00 in morning and rig up and pressure test 10K BOP stack as per NFX guidelines and wait for work over rig to drill out frac plugs - 19:00 ? RIH with WL well Head pressure 0 psi , set 2nd kill plug in well 2 jts below liner top at 7,984 feet Plug set Lt 1495 -1355 lost 140 lbs Set in 3 seconds, pull up Run Back in Hole tag plug 18:40 POOH with WL-20:30 WL out of hole - 06:00 - Turn well over to WL ? Perf stage #18 06:15 - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker, RIH 2,4,6,8, BPM , LT 644 - at 244 Ft/Min ? Set Plug at 9,741?, LT 1,118 Lost 178, LT 940 6 seconds to set Pull up Hole and perforated Perfs: 9,710?? 12?? and 9,525?-27?, Pumped 41.3 BBLS fluid, all indications are plug set and both zones are perforated. 07:15 - Currently POOH with WL Tools 07:45 - WL out of hole with Guns all shot. Dropped ball for #18 07:45 - Turn well over to WL ? Perf stage #18 07:45 -Turn well over to Baker Pressure test Iron to 9,671 Stage #18: Frac Basal Carbonate stage #18 as follows: Open WH pressure 3,999 psi ? Start avg rate 35 bpm, avg press 5,538 psi, max rate 36 bpm, max press 6,339 psi. Pump 0 bbl 15% HC l. Frac with 328 bbl of 17# Lightening/slickwater. 119,502 lbs of 1 ? 6 PPG 30/50 White Sand. Avg HHP: 4,710 Ball seated @ 4,657 psi @ 10.9 bpm, before seating 4,521 psi, after seating 4,660 psi. 100% sand placed on formation. N2 regulator - 285 psi, N2 bottle pressure ? 2,275 psi, pop off set @ 8,50 psi. 09:45 - Turn well over to WL ? Perf stage #19 - Flow back well 400 bbls fluid - pump back into well with 300 bbls fluid , turn well over to WL to set 2 kill plugs - Stage #20: Frac Basal Carbonate stage #20 as follows: Open WH pressure 4,067 psi ? Start Avg rate 33 bpm, avg press 6, 409 psi, max rate 36 bpm, max press 8,737 psi. Pump 0 bbl 15% HC l. Frac with 1,163 bbl of 17# Lightening/slickwater. 120,028 lbs of 1 ? 6 PPG 30/50 White Sand. Avg HHP: 5,215, 100% sand placed on formation. N2 regulator - 280 psi, N2 bottle pressure ? 2,257 psi, pop off set @ 8,850 psi. Sanded off with 6 lb sand on flush, 30,000 sand in well bore, Flowing back well to clean up and try to flush to RIH kill plugs. Plan forward: Flush and clean well bore, RIH kill plugs. RDMO Baker frac. RDMO JW Wireline. - - RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker, RIH 2,4,6,8, BPM , LT 696 - at 173 Ft/Min ? Set at 9,322? Plug, LT 1,212 Lost 231, LT 981, (4) seconds to set Pull up Hole and perforated Perfs: 9,270?? 72? and 9,262?-64?, Pumped 30.7 BBLS fluid, All indications are plug set and both zones are perforated. 13:30 - Currently POOH with WL Tools, 14:00 - WL out of hole with Guns all shot. Dropped ball for #20 14:00 -Turn well over to Baker Pressure test Iron to 9,671 - 10:00 ? 12:30 RIH with Halliburton 10K Obsidian Fast-Drill plug and 2 sets of Guns ? 2 3/8 guns with 6 SPF 60 Deg phasing-Pump down tools with Baker, RIH 2,4,6,8, BPM, LT 733 - at 184 Ft/Min ? Set Plug at 9,489?, LT 1,159 Lost 193, LT 966, (5) seconds to set Pull up Hole and perforated Perfs: 9,412? 14? and 9,360?-62?, Pumped 35.3 BBLS fluid, All indications are plug set and both zones are perforated. 10:45 - Currently POOH with WL Tools, 11:20 - WL out of hole with Guns all shot. Dropped ball for #19 11:20 -Turn well over to Baker Pressure test Iron to 9,671 Stage #19: Frac Basal Carbonate stage #19 as follows: Open WH pressure 4,066 psi ? Start Avg rate 34 bpm, avg press 5,504 psi, max rate 36 bpm, max press 7,264 psi. Pump 0 bbl 15% HC l. Frac with 851 bbl of 17# Lightening/slickwater. 115,502 lbs of 1 ? 6 PPG 30/50 White Sand. Avg HHP: 4,641, 100% sand placed on formation. N2 regulator - 255 psi, N2 bottle pressure ? 2,267 psi, pop off set @ 8,850 psi. 12:30 - Turn well over to

WL ? Perf stage #20 - 17:45 ? RIH with WL and set 1st kill plug in well 3 jts below liner top at 8,026 feet Plug set Lt 1374 -1200 lost 174 lbs Set in 5 seconds , pull up Run Back in Hole tag plug Currently POOH with WL while bleeding off pressure to preform negative test , Well 0 psi-
Daily Cost: $0
Cumulative Cost: $1,733,771

7/17/2013 Day: 16 **Completion**

Rigless on 7/17/2013 - RD FMC Frac Stack - RU and pressure test Weatherford 10K BOP stack as per newfield guidelines. - 17:00-1900-Night cap installed on annular. Secure well. RD and release Weatherford crane and tester. We did not change out Rock Water flowback manifold or any of its components due to 7 of the replacement 90?s were in as worn condition as the one? s we removed from the flowback system. I contacted Orson Barney to advise him of the findings. Rock Water will take the next 1-2 days to gather the proper safe equipment to finish the job. Release all Rock Water personnel and 4-C personnel. 4-C personnel will return tomorrow to finish cleaning out flowback tanks. Final strap on fresh water is 3125 bbls in Rain for Rent tanks, 435 bbls in swab tanks, 270 bbls in 1 Nabors tank at transfer pad. Plan forward: Will inspect, install and pressure test replacement flowback equipment when it becomes available. It should be in the next day or 2. - 11:30-Torqued, functioned and pressure tested BOPE. All connections and valves tested to 250# for 5 min and 10K for 10 min. Hydraulics tested on annular only as per Willie O?Neill. All tests held 100%. The flowback equipment failed the pressure test. See notes below. NOTE: While shell testing the flowback equipment we found 2 leaks and while attempting to repair leaks we found manifold washed out in several places, we continued to inspect flowback equipment and found 14-90?s washed out along with one flow cross. I contacted Greg Meeks with Rock Water and a replacement manifold along with 8-90?s will be on location today. The rest will be on location tomorrow morning at 8:00a.m. Plan forward: Install night cap on annular. RD and release Weatherford crane and tester. Change out flowback manifold and 8-90?s. Secure well and location until a.m. RockWater will bring out the remaining parts in the a.m. and Weatherford will return to finish pressure test. - No activity. - Held Safety Meeting with all personnel to include Weatherford, FMC, Rock Water and Newfield Consultants. Reviewed JSA?s for BWO, ND Frac Tree, Crane Operations, Man Lift Operations, NU BOPE, and Pressure Testing. Current operation: BWO, and RU Weatherford crane. Plan Forward: Continue ND Frac Tree, NU and pressure test BOPE. - 07:00-11:30 - ND FMC Frac Tree and returned to FMC shop. Install Weatherford 10K BOPE. Equipment on WH are as follows: FMC-7 1/16? 10K HCV, 10K BOPE is all WTF, Spool, Blind/Shear rams with 2-2 1/6? valves on kill line, 2 3/8? Pipe Rams, Mud Cross with 4-2 1/16? valves (2 on each wing), 2 3/8? Pipe Rams, DSA, and 5K Hydril. 4-C has Hydro-Vac cleaning flowback tanks and Rock Water is consolidating fresh water in frac tanks. 4-C also has begun grading location. Plan forward: Torque flange bolts on BOPE. Function and pressure test BOPE. Continue with Frac clean up.
Daily Cost: $0
Cumulative Cost: $1,753,559

7/18/2013 Day: 17 **Completion**

Rigless on 7/18/2013 - RU Flowback equipment and lines, test flowback equipment and lines - Finish testing the flowback lines. All the flowback equipment and lines were charted and tested to Newfield guidelines and test procedures. Weatherford 2 1/16" valve on BOP closest to flowback leaked at stem packing. Weatherford will be out on 7/20/2013 to repair and re-test. - 20:00-Pressure tester arrived at 1730 hrs. Held PJSM. Pop-Off for Sand Trap and anti-fall equipment arrived at 1800 hrs. Changed out pop-off and rigged up FMC pressure tester. Conducted a blank test on tester truck, test held good. Filled flowback equipment with water and attempted to achieve a 250psi shell test, no good. Found 2 Rock Water valves leaking. Rock water employee drove to the 4-18 well to pick up grease gun. Meanwhile we tested the

Sand Trap to 250psi for 5 min, test good. Pressured up to 4000psi (80%) and found a 1502 union leaking. Making repairs for a re-test. Plan forward: Repair leaks on flowback equipment and re-test. - No activity. - 14:00-Flowback equipment rigged up and hobbles installed. Ground rod moved by a Jessen electrician and manifold was grounded. We are currently waiting on FMC to pressure test flowback equipment. Plan forward: Pressure test flowback equipment to 10K and report to Orson Barney for further instructions. - 11:00-PJSM with Rock Water flowback and 4-C. Installing replacement flowback equipment while continuing to clean out flowback tanks with hydro-vac. Plan forward: Pressure test flowback equipment to 10K once it is installed. - 17:00-Still waiting on FMC pressure tester. Plan forward: Plan forward: Pressure test flowback equipment to 10K and report to Orson Barney for further instructions.
Daily Cost: $0
Cumulative Cost: $1,792,254

7/21/2013 Day: 18 **Completion**

Rigless on 7/21/2013 - Secure well and RD crane - 1330-Pressure tested valve from the flowback side as well as the direction of flow as per Newfield?s specifications. All tested good. Secure well and RD crane. Release crews. Plan forward: Daily operation finished. Well is ready for drill out. - No activity. - 09:00-PJSM with WTF on repairing or replacing 2 1/16? leaking wing valve on BOP. Plan forward: Re-test valve, make repairs and re-test. - 11:00-Rig up WTF pressure test unit and verify origin of leak. Attempted to tighten bolts on bonnet and re-test, no good. Disassembled valve and changed out BSR. Plan forward: Re-test valve and BOP.
Daily Cost: $0
Cumulative Cost: $1,821,637

7/23/2013 Day: 19 **Completion**

Mountain States #1409 on 7/23/2013 - Perp to DO plugs. - 00:00 RDMO B&G crane. Release Cameron. - 21:30 Cameron on location to ND 10K x 15K spool and 15K 7-1/16? flange on double BOP. Turn BOP stack and two hole bolts so the snubbing unit would be straight with the WOR. 23:10 Cameron torqueing bolts on BOP & spool flange. Wait for day light to RU WOR & snubbing unit. - 21:10 Current Op?s Don tire man on location to change front tire on MT States WOR. From 4:00 pm to 9:30 pm NPT - No Activity - 18:00 Current Op?s Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor. - 17:30 Continue to wait on tire man to arrive on location to change front tire on MT States WOR. - 13:30 MI & spot 3 set of pipe racks (Hammer) 15:15 Runner on location w/455 jts 2-3/8", 5.95#, P-110 PH-6 tubing. Unloaded on pipe racks. 15:45 QT on location to clean, inspect & drift 149 jts 2-3/8", 5.95#, P-110 PH-6 tubing (WS). Supervisor Shut down the job with to many hrs. - 18:30 Continue to wait on tire man to change WOR front tire. 18:40 4 Star on location to test MT Snubbing unit. 19:10 FMC on location with 10K x 5K 7-1/16" spool. Wrong spool. Weatherford 10K circualing pump arrive on location. MIRU pump. B&G on location to ND 5K 7-1/16" Annular perventor/HyDrill, & 10K 7-1/16" Single BOP.
Daily Cost: $0
Cumulative Cost: $1,860,367

7/24/2013 Day: 20 **Completion**

Mountain States #1409 on 7/24/2013 - Spot, snubbing unit, hydrualic catwalk, pipe rack, P/U & RIH 258 jts 2-3/8" PH-6 tubing to kill plug #2 at 7,995'. DO kill plug #2. Continue to P/U & RIH to kill plug #1 at 8,026' "WLM". - No Activity. Wait for day light to RU WOR & snubbing

unit. SDFN. - 00:55 Moved 118 2-3/8" PH-6 tubing over to pipe rack. Tallied 118 jts and record serial number. Change out 2-3/8" pipe ram rubber on snubbing unit #1 & #3. - 00:01 MI & spot Snubbing unit, Basic Hydraulic catwalk, pipe rack. - 11:25 - 11:50 Kill Plug #2 CBP (ttl 258)? Halliburton 8K Fas drill - WL Set Depth: 7984' - TBG Tag Depth: 7995'- Change in depth: +11 - Plug drill time: 25 min. Pump Pressure: 4100 - Pump Rate: 3.2 bpm. Wellhead Pressure at 2000 through 19/64" adjustable choke, 4 bpm in return. PU Wt 58K. SO Wt 52K. Neutral Wt 56K. WOB 2-4. FS 1000. Drilling torque 1400. Pump 119 bbls to DO #2 kill plug. Additional Comments: Continue pumping 25 bbls treated water. (ttl fluid pumped 144 bbls) w/10 bbl sweep. Continue RIH to Kill plug #1 @ 8,026' "WLM". - 21:30 Current Op?s R/U Basic power swivel on jt 258. - Heid PJSM & JSA. RU Mountain State WOR & Subbing Unit. Cameron torque DSA, subbing unit. Test Subbing Unit test good - 20:30 Current Op?s SD to move 118 jts 2-3/8? PH-6 tubing over to pipe rack and tallying & recording serial number. - 19:45 Continue P/U & RIH w// BHA consisting of: 4-Blade Mill Flat Bottom 3.750? OD 1.250 ID L- 1.58, Double Flapper Bit Sub 2.960? OD 1.000 ID L-2.13, 1 jt 2-3/8? 5.95# L80 P-110 PH6, RN-Nipple 2.909 OD 1.560 ID. Place R Nipple at 4,787? ?TM? (8,188? in vertical) on top of jt 154 w/231 jts in hole. EOT: 7,170?. Breaking circulation every 1000 ft - 18:20 Current Op?s Continue P/U & RIH w// BHA consisting of: 4-Blade Mill Flat Bottom 3.750? OD 1.250 ID L-1.58, Double Flapper Bit Sub 2.960? OD 1.000 ID L-2.13, 1 jt 2-3/8? 5.95# L80 P-110 PH6, RN-Nipple 2.909 OD 1.560 ID. Place R Nipple at 4,787? ?TM? (8,188? in vertical) on top of jt 154 w/175 jts in hole. EOT: 5,457?. Breaking circulation every 1000 ft. - 17:45 to 18:10 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat policys and mentor. - PU MU BHA, Weatherford 4-Blade Mill Flat bottom 3.750 OD 1.250 ID L-1.58, Double Flapper Bit Sub 2.960 OD 1.000 ID L-2.13, X Cross 2-3/8" PAC X 2-3/8" PH6 2.90 OD 1.710 ID L-0.68, 1 jt 2-3/8" 5.95# P-110 PH6, RN-Nipple 2.909 OD 1.560 ID L-0.75, 154 jts 2-3/8" 5.95# P-110 PH6, R-Nipple 2.909 OD 1.710 ID L-0.64. Total L-BHA 4.39. Open well @ 13:30 500 psi on well blow down 0 psi. RIH w/BHA.Break circulation every 1,000 ft. - 21:15 Continue P/U & RIH w// BHA consisting of: 4-Blade Mill Flat Bottom 3.750? OD 1.250 ID L- 1.58, Double Flapper Bit Sub 2.960? OD 1.000 ID L-2.13, 1 jt 2-3/8? 5.95# L80 P-110 PH6, RN-Nipple 2.909 OD 1.560 ID. Place R Nipple at 4,787? ?TM? (8,188? in vertical) on top of jt 154 w/258 jts in hole. Tag kill plug #2 @ 7,995? ?TM? 20? in on jt 258. LD jt 258.

Daily Cost: $0

Cumulative Cost: $1,942,854

7/25/2013 Day: 21 **Completion**

Mountain States #1409 on 7/25/2013 - DO Kill Plug #1, CFTP #19,18,17,16,15,14,13,12,11,10,9,8,7,6,5,4,3 - CFTP #7 RIH w/BHA Tag CFTP #7 @ 11738 DO in 23 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.5 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 48K, SO-WT 44k, PU-WT 60, Free-Torque 1800, Drill-Torque 2400. Continue RIH to CFTP #6 CFTP #6 RIH w/BHA Tag CFTP #6 @ 11946 DO in 30 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.5 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 48K, SO-WT 44k, PU-WT 60, Free-Torque 1800, Drill-Torque 2500. Continue RIH to CFTP #5 CFTP #5 RIH w/BHA Tag CFTP #5 @ 12156 DO in 29 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.0 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 50K, SO-WT 42k, PU-WT 60, Free-Torque 1500, Drill-Torque 2000. Continue RIH to CFTP #4 CFTP #4 RIH w/BHA Tag CFTP #4 @ 12366 DO in 22 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.7 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 50K, SO-WT 42k, PU-WT 60, Free-Torque 1700, Drill-Torque 2500. Continue RIH to CFTP #3 CFTP #3 RIH w/BHA Tag CFTP #3 @ 12550 DO in 45 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.7 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 48K, SO-WT 44k, PU-WT 60, Free-Torque 1800, Drill-Torque 2400. Continue RIH to CFTP #2 - 00:01 MU jt 259 on swivel. Tag kill plug #1 at

8,030? ?TM?. Began circulating - RIH w/BHA Tag CFTP #9 @ 11,130 DO in 11 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.0 bpm. On 18/64 Choke. Pump 10 bbl gel sweep. N-WT 48K, SO-WT 46k, PU-WT 58, Free-Trq 1700, Drii-Trq 2400. Continue RIH to CFTP #8 - RIH w/BHA Tag CFTP #10 @ 11,130 DO in 12 min. Pump Rate: 3.0 bpm @ 4,700 psi, WH 2,800 psi returns 4.0 bpm. On 18/64 Choke. Pump 10 bbl gel sweep. N-WT 48K, SO-WT 46k, PU-WT 52, Free-Trq 1700, Drii-Trq 2400. Continue RIH to CFTP #9 - RIH w/BHA Tag CFTP #11 @ 10,914 DO in 12 min. Pump Rate: 3.0 bpm @ 4,700 psi, WH 2,800 psi returns 4.0 bpm. On 18/64 Choke. Pump 10 bbl gel sweep. N-WT 48K, SO-WT 46k, PU-WT 58, Free-Trq 1200, Drii-Trq 1500. Continue RIH to CFTP #10 - RIH w/BHA Tag CFTP #12 @ 10,720 DO in 20 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,900 psi returns 4.0 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 48K, SO-WT 48k, PU-WT 58, Free-Trq 1600, Drii-Trq 2400. Continue RIH to CFTP #11 - RIH w/BHA Tag CFTP #13 @ 10,538 DO in 11 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.0 bpm. On 18/64 Choke. Pump 10 bbl gel sweep. N-WT 48K, SO-WT 44k, PU-WT 58, Free-Trq 1600, Drii-Trq 2400. Continue RIH to CFTP #12 - RIH w/BHA Tag CFTP #14 @ 10,356 DO in 30 min. Pump Rate: 3.0 bpm @ 4,700 psi, WH 2,950 psi returns 4.0 bpm. On 18/64 Choke. Pump 10 bbl gel sweep. N-WT 48K, SO-WT 46k, PU-WT 52, Free-Trq 1200, Drii-Trq 1500. Continue RIH to CFTP #13 - RIH w/BHA Tag CFTP #15 @ 10,151 DO in 30 min. Pump Rate: 3.0 bpm @ 4,700 psi, WH 2,850 psi returns 4.0 bpm. On 18/64 Choke. Pump 10 bbl gel sweep. N-WT 46K, SO-WT 44k, PU-WT 58, Free-Trq 1600, Drii-Trq 2400. Continue RIH to CFTP #14 - RIH w/BHA Tag CFTP #16 @ 9940 DO in 20 min. Pump Rate: 3.0 bpm @ 4,700 psi, WH 2,800 psi returns 4.0 bpm. On 16/64 Choke. Pump two 10 bbl gel sweep. N-WT 46K, SO-WT 44k, PU-WT 58, Free-Trq 1500, Drii-Trq 2200. Continue RIH to CFTP #15 - RIH w/BHA Tag CFTP #17 @ 9738 DO in 16 min. Pump Rate: 2.7 bpm @ 4,700 psi, WH 2,950 psi returns 3.5 bpm. On 16/64 Choke. Pump 10 bbl gel sweep. N-WT 50k, SO-WT 48k, PU-WT 60, Free-Trq 1500, Drii-Trq 2000. Continue RIH to CFTP #16 - RIH w/BHA Tag CFTP #18 @ 9488 DO in 12 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,600 psi returns 4.0 bpm. On 16/64 Choke. Pump 10 bbl gel sweep. N-WT 48K, SO-WT 46k, PU-WT 52, Free-Trq 1200, Drii-Trq 1500. Continue RIH to CFTP 17# - 05:15 - 9323 CFTP #19 (ttl 301) Halliburton 8K Fas drill - WL Set Depth: 9,322' - TBG Tag Depth: 9,323'- Change in depth: +1 - Plug drill time: 15 min. Pump Pressure: 4,800 - Pump Rate: 2.7 bpm Wt 48K. WOB 2-4. FS 1200. Drilling torque 1500. Pump 40 bbls to DO CFTP #19. Additional Comments: Continue pumping 2.7 bbls treated water. (ttl fluid pumped 20 bbls) w/10 bbl sweep. Continue RIH to CFTP #18 @ 9,489' "WLM". - 03:45 P/U 2-3/8" PH-6 & Swiveling in hole while rotating 100 rpm. Swivel and circulate 18 jts in and tag 15' in on jt 301 @ 9,323' "TM". Began circulating. - 03:00 R/U swivel on jt 283. 03:20 Began circulating. Pump Pressure: 4700 - Pump Rate: 2.7 bpm. Wellhead Pressure at 2900 through 19/64" adjustable choke, 3.5 bpm in return. PU Wt 58K. SO Wt 50K. Neutral Wt 54K. WOB 2-4. FS 1200. Drilling torque 1500. CO 10' to 8,764' and fell through. EOT@ 8,781' "TM". Pump 25 bbls to CO. Additional Comments: Continue pumping 15 bbls treated water. (ttl fluid pumped 50 bbls) w/10 bbl sweep. Continue RIH to CFTP #19 @ 9,322' "WLM". - 02:30 P/U & RIH w/22 jts 2-3/8", 5.95#, P-110 PH-6 tubing. (WS). Set down w/4' in on jt 283. EOT @ 8,754' "TM". LD jt 283. - 02:00 Rack back swivel in derrick. FB well through 13/64? choke @ 2500 psi w/1 bbl in return. - 01:45 MU jt 261 on swivel. RIH. Did not tag anything. EOT @ 8,099' - 01:22 SD pump. MU jt 260 on swivel. RIH while pushing plug down hole and set down at 8,093?. P/U tubing. Establish circulating at 3 bpm @ 4500 psi through 17/64? choke @ 2500 psi w/3 bbl in return. Pump 20 bbls. Continue circulating w/15 bbls. SD pump. Pump total 35 bbls. EOT @ 8068' - 00:13 - 01:05 Kill Plug #1 CBP (ttl 259)? Halliburton 8K Fas drill - WL Set Depth: 8026' - TBG Tag Depth: 8030'- Change in depth: +4 - Plug drill time: 58 min. Pump Pressure: 4400 - Pump Rate: 2.9 bpm. Wellhead Pressure at 2800 through 17/64" adjustable choke, 3 bpm in return. PU Wt 52K. SO Wt 46K. Neutral Wt 48K. WOB 2-4. FS 1200. Drilling torque 1500. Pump 175 bbls to DO #1 kill plug. Additional Comments: Continue pumping 50 bbls treated water. (ttl fluid pumped 225 bbls) w/10 bbl sweep. Continue RIH to CFTP #19 @ 9,322' "WLM". - RIH w/BHA Tag CFTP #8 @ 11552 DO in 11 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.0 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 48K, SO-WT 44k, PU-WT 60, Free-Trq 1800, Drii-Trq 2400. Continue RIH to CFTP #7

Daily Cost: $0

7/26/2013 Day: 22 **Completion**

Mountain States #1409 on 7/26/2013 - DO CFTP #2,1,tag hydraulic sleeve, 12,975', Circulate bottoms 2x.POH L/D PH-6 tbg, Start in hole with 2 3/8 eu 8rd tbg, - Drift and PUMU BHA as follows: Notched Collar (.40?), 2' pup jt of 2-3/8" 4.7 EUE L-80 (2.07?), 4' Perforated sub 2-3/8" 4.7 EUE L-80 (4.10?), Weatherford 10k ceramic burst disk (.79?), 2-3/8"XN Nipple (1.875" ID w/ 1.791 No-go) (1.22?), 1 jt of 2-3/8" 4.7# EUE L-80 (32.37?), 2-3/8" X Nipple (1.875" ID) (.1.15?), Fill tbg water water @35 jts (1,160?). - POOH LD BHA, Weatherford 4-Blade Mill Flat bottom 3.750 OD 1.250 ID L-1.58, Double Flapper Bit Sub 2.960 OD 1.000 ID L-2.13, X Cross 2-3/8" PAC X 2-3/8" PH6 2.90 OD 1.710 ID L-0.68, 1 jt 2-3/8" 5.95# P-110 PH6, RN-Nipple 2.909 OD 1.560 ID L-0.75, 154 jts 2-3/8" 5.95# P-110 PH6, R-Nipple 2.909 OD 1.710 ID L-0.64. & 2-3/8" 5.95# P-110 PH6, workstring.Total jts LD 418 Total jts on loc 455, 452 good, 3 bad. - CFTP #2 RIH w/BHA Tag CFTP #2 @ 12,741? DO in 35 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.9 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 52K, SO-WT 44k, PU-WT 64, Free-Torque 1700, Drill-Torque 2500. Continue RIH to CFTP #1 CFTP #1 RIH w/BHA Tag CFTP #1 @ 12,936? DO in 12 min. Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.9 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 52K, SO-WT 44k, PU-WT 64, Free-Torque 1700, Drill-Torque 2,500. Continue RIH to CFTP #1 RIH w/BHA Tag Hydraulic sleeve @ 12,975? Pump Rate: 3.0 bpm @ 4,800 psi, WH 2,800 psi returns 4.9 bpm. On 18/64 Choke. Pump Two 10 bbl gel sweep. N-WT 52K, SO-WT 44k, PU-WT 64, Free-Torque 1700, Drill-Torque 2500. Circulate bottoms up 2 times well volume. - Stand back swivel in deck. POOH LD workstring 2-3/8" 5.95# P-110 PH6 tbg. 14:00; POOH LD 108 jts. work string to heel @ 9608 on jt 310, Circulation heel clean. Pump psi 4900 @ 2.8 bpm, 2800 psi on returns 4 bpm on 18/64 choke. Total bbls pump 290. - Circulate well bottoms up 2 times, 20 bbl sweep 30 bbls water, 20 bbl sweep. @ 2.7 bbls min, pump psi 4900, WH 2800 psi 4 bpm returns. Total 706 bbls pump. Circulate well clean no sand. - POOH LD 300 jts 2-3/8" 5.95# P-110 PH6, workstring @ 3690.
Daily Cost: $0
Cumulative Cost: $2,111,899

7/27/2013 Day: 23 **Completion**

Mountain States #1409 on 7/27/2013 - Turn well over to production July 27 @ 1500 hrs - Continue to RIH tbg as follows:Notched Collar (.40?), 2' pup jt of 2-3/8" 4.7 EUE L-80 (2.07?), 4' Perforated sub 2-3/8" 4.7 EUE L-80 (4.10?), Weatherford 10k ceramic burst disk (.79?), 2-3/8"XN Nipple (1.875" ID w/ 1.791 No-go) (1.22?), 1 jt of 2-3/8" 4.7# EUE L-80 (32.37?), 2-3/8" X Nipple (1.875" ID) (.1.15?), Fill tbg with water @35 jts (1,160?). Filling tbg every 1,000? + -, 283 jts of 2-3/8" 4.7 EUE L-80 to surface. BHA @ (9,626.06) XN Nipple @ 9,617.48, X Nipple @ 9,583.96. Total jts n hold 284 jts 2-3/8 4.7# L-80 eue 8rd. - PU MU Extended-neck 7-1/16" X 2-3/8" tubing hanger w/Cameron TWC Valve equalize B.O.P stack land tbg hanger in B- section tighten hold down pins. RU Cameron test unit Test TWC valve 250 low & 10,000 10 mins test good. RDMO subbing unit & WOR. RU G&B Crane ND B.O.P stack. NU 10K Production tree extended neck 7-1/16" X 2-3/8" tbg hanger, Test production tree test good. Pull TWC valve out RU weatherford pump. Burst disk @ 4500 psi pump 3.0 bpm @ 4000 psi total 76 bbls pump.
Daily Cost: $0
Cumulative Cost: $2,269,635

7/31/2013 Day: 24 **Completion**

Rigless on 7/31/2013 - Capture Costs in DCR - Capture Costs in DCR. Additional costs added

to DCR on 8/29/13 due to delayed tickets coming in. 9/22/13 delayed costs RBS
Daily Cost: $0
Cumulative Cost: $2,415,424

Pertinent Files: Go to File List